

ST. XAVIER'S COLLEGE FOR WOMEN, ALUVA

Affiliated to Mahatma Gandhi University

Reaccredited by with A Grade (CGPA 3.33)



ANNUAL REPORT

2019-2020



INTRODUCTORY NOTE OF PRINCIPAL

Honourable Chief Guest, Dr. Alexander Jacob IPS, Local Manager Rev. Sr. Clodit, Former Principals Rev. Sr. Infanta, Rev. Sr. Speciosa, Rev. Sr. Charles, Rev. Sr. Reethamma, Principal Dr. Sr. Shalini, former faculty members, parents, students and well-wishers,

The last academic year has been highly fruitful bringing out the best in curricular and co-curricular activities. I am grateful to God Almighty for the choicest blessings showered upon us through the intercession of our patron St. Francis Xavier and Foundress 'Servant of God' Mother Eliswa. At the outset let me acknowledge the committed and sincere efforts of the management, the teaching and the non-teaching staff, students, PTA and our well-wishers, in helping this temple of learning reach to greater heights.

GENERAL STRUCTURE

Teaching Staff	92
NTS	25
Students (UG & PG)	1849
Departments	12
Supporting Departments	5
Research centres	3
Faculty with PhD	38
Research Guides	12
Research Scholars	38
Current NAAC status	A Grade with 3.33 CGP

ADMISSIONS

Programme	Total seats available	Total admitted
UG	608	542

PG	108	98
Ph. D.	14	5
Total	730	645

ADHERING TO ACADEMIC SCHEDULE

Aligned to the Mahatma Gandhi University Calendar schedule, an academic calendar:

- Prepared and published at the beginning of every academic year
- The teacher in charge prepares the academic calendar in consultation with the Principal, Vice Principal, HoDs and IQAC members incorporating the relevant information regarding the working days, holidays, dates of internal examinations, semester examination, departmental action plan on various events to be organized, etc which is distributed to students and teachers in time
- The internal exam coordinator monitors the smooth conduct and completion of internal exams on time
- The model exams conducted also help to evaluate the curriculum delivery
- In addition, assignments, seminars, projects, internships are done by the students as per the academic calendar
- Publication of the marks before uploading on the university portal makes the process error free
- The time bound completion of add on courses, value added courses, and distribution of certificates after timely exams cater to continuous evaluation
- Internal Academic Audit conducted by IQAC ensures adherence to well-charted system
- PO, PSO, CO attainment values are prepared, analysed, integrated, and documented on College website
- The feedback collected is scrutinized, statistically analysed and corrective measures implemented to help institutionalise proper and accurate mechanism for continuous evaluation.

INNOVATIONS IN TEACHING & LEARNING

The institution has created a student-centred learning environment to stimulate deep approaches to learning and also fosters remote learning with student-centred tools.

- Experiential Learning engages students in hands-on experiences and able to connect theories and knowledge learned in the classroom to real-world situations.
- Participatory methods expect a high degree of activity and help to showcase literary, innovative and entrepreneurial skills of the students.
- Problem solving method boosts reflective thinking.
- Peer teaching is an educational strategy, in which students are divided into advanced, medium and slow learners, that embraces active learning.
- Flipped classroom offers an opportunity for student self-pacing and provides class time for a deep understanding of content.
- Quiz programmes cater to the inquisitive minds of the students. Online Quiz platforms like Quizziz and Kahoot are extensively used.
- Creation of educational content and awareness videos exhibit technological competence and media literacy skills of the students.
- Internship and training are provided to understand the theories and practices of the discipline by actively engaging in a hands-on, work-based, learning experience.

NEW INFRASTRUCTURE/FACILITIES/INSTRUMENTS

Sl. No.	Infrastructure/Facility	Purpose
1	20 computers	To improve ICT enabled classroom delivery

LIBRARY

Library Details	Stream	Available Number	New additions during the year
Books	Arts	42028	828
	Commerce	3778	0
	Science	11674	26
Journals	Arts	47	0
	Commerce	61	0

	Science	36	0
e-books	Arts	1,64,300 +e-books Under N-LIST, 6,00,000 +e- books Through NDL, 650 e-books through Library Software	1,99,500 +e-books Under N-LIST, 6,00,000 +e- books Through NDL, 650 e-books through Library Software
	Commerce		
	Science		
e-journals	Arts	6000 + Journal(N-LIST)	6000 + Journal(N-LIST)
	Commerce		
	Science		

COLLABORATIONS / MOU'S

Sl. No.	Title of Collaboration / MoU	Name of the collaborating agency with contact details
1	Certificate course	Lacotia Computer Centre
2	Internship, placement	Bless retirement living
3	Certificate course	Speedwings Academy of Aviation studies
4	Academic collaboration, Internship, placement	The Renai, Palarivattom, Kochi
5	Add on Program	DCS Robotics Academy, Aluva, Ernakulam
6	Biodiversity survey & Research	Tropical Institute of Ecological sciences, Kottayam
7	Research	Sacred Heart College, Thevara
8	Research	Sree Sankara College Kalady
9	Internship	LISIE Hospital, Ernakulam
10	On the Job Training	Samaritan Hospital, Pazhanganad, Kizhakambalam

11	On the Job Training	Kindorama Healthcare Pvt. limited, Edapally, Ernakulam
12	Internship	Believers church Medical college hospital, Thiruvalla
13	Research	CSIR-National Institute of interdisciplinary science and technology (NIIST), Pappanamkode, Thiruvananthapuram

MENTORING

Mentoring is institutionalised to help students in tackling and overcoming academic and personal stress related issues. The procedure of mentoring involves group and individual mentoring. One hour is reserved every week for mentoring so as to positively monitor and promote alacrity and enthusiasm of students.

Mentor- Mentee Ratio:			
Year	Number of students enrolled	Number of fulltime teachers	Teacher: Student ratio
2019-20	1849	92	1:20

EXTENSION ACTIVITIES

Sl. No.	Activity	Department/Cell
1.	Environment awareness initiatives	NSS, Department of Microbiology
2.	Swachh Bharat initiative 1- Valicheriyal Muktha Campus 'Gramam Nagaram	NSS, Choornikkara Panchayath, Cochin Carnival Committee
3.	Swachh Bharat initiative 2- Thanaloram cleaning	NSS
4.	Swachh Bharat initiative 3- Cleaning public road at Choornikkara	NSS, Choornikkara Panchayath/ NGO-Adayalam

5.	Swachh Bharat initiative 4- Survey on solid waste management at Choornikkara panchayath	NSS, Choornikkara Panchayath
6.	Swachh Bharat initiative 5- Fit India Plog run	NSS
7.	Swachh Bharat initiative 6- Green and clean Cochin Carnival	NSS, Cochin Carnival Committee
8.	Blood donation camp 1	NSS, IMA, Aluva, District hospital, Aluva
9.	Blood donation camp 2	NSS, HDFC bank, IMA, Aluva
10.	Blood donation camp 3	NSS, Government hospital, Ernakulam
11.	Annam- Pothichoru distribution	NSS
12.	Samrakshana Sangamam	NSS, Anwar Palliative care
13.	Sneha sparsham- Hair donation camp	NSS, Little Flower Social Service centre / Amala Institute of Medical Sciences. Social Service centre /Amala Institute of Medical Sciences.
14.	Care for haemophilia patients- Activity 1- Free tuition for patients	NSS, Govt. hospital, Aluva
15.	Care for haemophilia patients- Activity 2- Christmas gifts for patients	NSS, Govt. hospital, Aluva
16.	Awareness campaign on World Breastfeeding week	NSS, District child welfare organisation
17.	Vayaloram- way side park construction	NSS,NGO-Adayalam
18.	Farming initiative 1 - Kaikorkam Karshika Keralathinayi	NSS

19.	Farming initiative 2 - Participation in paddy cultivation at Choornikkara panchayath	NSS,Choornikkara Panchayath & NGO-Adayalam
20.	Farming initiative 3 - Human chain for presevation of paddy fields of Choornikkara panchyath	NSS, Choornikkara Panchayath & NGO-Adayalam
21.	Farming initiative 4- supporting farmers of adopted villages as part of UBA	UBA cell
22.	Cleaning nearby public park and historical museum	NCC
23.	Road safety awareness rally	NCC
24.	Sneha sandhvanam- Flood relief to Kuthumala	NCC, NSS, PTA, Staff and students of the college
25.	Saluting the COVID 19 warriors	NCC, NSS
26.	Awareness campaign on Energy conservation	Department of Botany/EMC-Kerala/CED
27.	Lockdown birding challenge	Department of Zoology/Citizen science- ebird.org
28.	School Linkage Program	Department of Physics/SNDP School Aluva
29.	Igniting minds	Department of Chemistry, SNDP School Aluva
30.	Interschool Quiz Competition-An awareness program on National Science day	Department of Physics /APT/ DBT
31.	Social response to COVID-19 lockdown- Activity 1- Distribution of sanitizers to the public	Initiative of the institution/DBT Star

32.	Social response to COVID-19 lockdown- Activity 2- Online events for coping with the adversity of COVID- 19 lock down	Initiative of the institution/DBT Star
33.	Social response to COVID-19 lockdown- Activity 3- Microgreen challenge	NSS & department of Zoology
34.	Social response to COVID-19 lockdown- Activity 4- Distribution of masks and sanitizers to adopted villages	Initiative of the institution
35.	Social response to COVID-19 lockdown- Activity 5- Awareness videos and online course on pandemic	Initiative of the institution
36.	Each One Teach One	Department of Chemistry
37.	Pokkali Rice sapling planting	Department of Zoology/ Rice Research Station, Vyttila/ Directorate of Environment & Climate Change
38.	Foldscope Microscopy awareness program	Department of Zoology/DBT
39.	Junior Scientists programme	Departments of Zoology/Microbiology/Botany/Physics/Chemistry/Archdiocese of Verapoly
40.	Wildlife week awareness program	Department of Zoology
41.	Awareness talk on health & Nutrition & Cloth Bag distribution in Anakulum tribal Colony	Department of Zoology
42.	Say No to Plastics	Department of Microbiology
43.	Awareness on communicable diseases	Department of Microbiology

44.	Microgreen Challenge-Xaverian Zoology Outreach Program	Department of Zoology
45.	EcoSense 2020	IQAC/ Unnat Bhrat Abhiya
46.	Street play- Awareness campaign on International day of girl child	Women cell
47.	Awareness campaign on World food day	Women cell
48.	Share a meal program	Women cell
49.	Sparsham- Awareness session on good and bad touch for school students	Women cell
50.	International Mens day- Awareness campaign	Women cell
51.	Break the chain campaign	Women cell

TEACHING AND ADMINISTRATIVE STAFF

We have an efficient and dedicated team of 53 permanent teachers, 46 guest lecturers and 16 administrative staff. The teachers constantly update their skills by attending Refresher/Orientation programmes, workshops, seminars, Faculty Development Programmes, and ICT enabled courses. The non-teaching community of the college receives special commendation for the sincere efforts they provide for the smooth functioning of the college. I take this opportunity to appreciate the dedicated efforts of the team members who put in their best efforts in the smooth functioning of the activities of the college.

PROGRAMMES ORGANISED BY THE INSTITUTION

Dates (from-to) (DD-MM-YYYY)	Professional development program organised for teaching staff	No. of Participants
17-8-2019	Orientation Programme on ISO (TS)	70 + 5
1-11-2019	Orientation programme for teachers on deQ (TS)	70

25-07-2019	One Day Training Programme on Life Skills (TS+NTS)	40+ 4
5-10-2019	Orientation on Outcome Based Education (OBE)	80
28-10-2019, 29-10-2019	Hands on Training on Outcome Based Education (OBE) in association with Kerala Higher Education Council	38
5-12-2019 to 7-12-2019	Community Sensitisation Programme on CYBERGOGY- Learn,Relearn and Unlearn in association with Central University of Kerala	19
14-2-2020	One day Seminar on IPR	6
17-2-2020 to 19-2-2020	Faculty development programme for teachers on Revised NAAC Accreditation Framework	54
7-1-2020	Training for Internal Auditors (ISO) (TS and NTS)	5 + 1
10-3-2020	Workshop for SWOC analysis and framing of recommendations for Strategic plan 2025	47
7-5-2020	Gamification Tools in Education	75
19-5-2020	Contactless learning and Teaching pedagogy	38

Dates (From-To) (DD-MM-YYYY)	Administrative Training Program Organised for Non-Teaching Staff	No. Of Participants
25-07-2019	One Day Training Programme on Life Skills (TS+NTS)	4
17-8-2019	Orientation Programme on ISO (TS)	5
07-1-2020	Training for Internal Auditors (ISO) (TS and NTS)	1

FACULTY DEVELOPMENT COURSES/ PROGRAMMES ATTENDED BY TEACHING FACULTY

SL NO.	NAME OF THE TEACHER	DATE(PERIOD)	NAME/TITLE OF THE COURSE
FACULTY DEVELOPMENT PROGRAM			
1	Dr.Aneymol V. S.	6-10/05/2019	FDP on Philosophy of science
2	Dr.Aneymol V. S.	28.10.20 to 29.10.20	Outcome based Education
3	Dr.Aneymol V. S.	4-8/11/2019	FDP on skill intensification of teachers through technological integration
4	Dr. Linda Louis	4-8/11/2020	FDP on skill intensification of teachers through technological integration
5	Dr. Linda Louis	6-10/05/2019	FDP on Philosophy of science
6	Dr.Tinsy Rose Tom	21st April, 2020	FDP on Scientific Research ArticleWriting and Publishing
7	Vandan Aravindan	20.4.2020 to 6.5.2020	FDP on Managing Online Courses & Co Creating MOOCs
8	Dr. Sheena Xavier	18.05.2020-03.06.2020	FDP- Managing online classes and co creating MOOCS

9	Dr. Baby Divya	18.05.2020-03.06.2020	FDP- Managing online classes and co creating MOOCS
10	Dr. Newly Joseph	April 20 - May 06, 2020.(2	FDP on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS"
11	Sheneya Festus	April 20 - May 06, 2020.(2	FDP on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS"
12	Dr Resmi Varghese	18.5.2020-3.6.2020	Two weeks FDP on Managing Online classes and co-creating MOOCs: 2.0
13	Dr. Ansa Alphonsa Antony	18.5.2020-3.6.2020	Two weeks FDP on Managing Online classes and co-creating MOOCs: 2.0
14	Dr. Lima Antony	10/5/2021 to 16/5/2021	" Academic Writing" FDP
REFRESHER/ ORIENTATION PROGRAM			
1	Maria Paul	7.12.2019 to 20.12.2019	Refresher Course
2	Shereena John	15.11.2019-28.11.2019	Refresher Course in Gender Studies
3	Bilu Job	18/2/2020 to 02/3/2020	Refresher course in citation network analysis and exploratory data analysis

SHORT TERM COURSES

1	Dr.Baby Divya	26.11.2019	Modern practices in animal taxonomy
2	Dr. Baby Divya	28.10.19 to 29.10.19	Outcome Based Education
3	Smt Binu Correya	5-12-19 To 7-12-19	Workshop on community sensitization programme on "Cybergogy: Learn,Relearn & Unlearn"
4	Smt Binu Correya	25.11.2019 & 26.11.2019	Modern practices in animal taxonomy
5	Smt Binu Correya	18.11.19 to 20.11.19	Hands on training program on DNA Barcoding and Phylogenetic Studies
6	Smt Binu	28.10.19 to 29.10.19	Outcome Based Education
7	Dr Seema K	5-12-19 To 7-12-19	Workshop on community sensitization programme on "Cybergogy: Learn,Relearn & Unlearn"
8	Dr Revathy.S	5-12-19 To 7-12-19	Workshop on community sensitization programme on "Cybergogy: Learn,Relearn & Unlearn"
9	Dr Revathy.S	29-01-20 To 30-01-20	Ed club Conclave
10	Dr Revathy.S	14.02.2020	IPR
11	Dr. Annie Feby	25-11-2019 - 26 - 11 - 2019	Modern practices in animal taxonomy
12	Dr Anu Anto	14.02.2020	IPR
13	Dr. Anu Anto	28.10.20 to 29.10.20	Outcome based Education
14	Dr. Anu Anto	06.07.2019	E learning and MOOC
15	Dr. Anu Anto	26-02-20 to 27-02-20	Innovation Ambassador training
16	Dr.Aneymol V. S.	23-25/01/2019	Stem cell and cancer therapy - ICSC-2K19
17	Nisha P	24/2/2020 & 25/02/2020	Pteridology today and tomorrow:Relevance to impact on diversity and climate change
18	Bilu Job	August 9-10, 2019	Two day National Workshop and Hands on training on MOOC and e learning

AWARDS AND RECOGNITIONS

- Dr. Aparna Lakshmanan S of the Dept of Mathematics served as resource person in the 9th Slovenian International Conference on Graph Theory.
- Dr. Swapna C Kombath of Dept of Malayalam was the winner of Kerala sahithya Akademi 's Thunchan Smaraka Endowment
- Sr. Sindu PJ of the Dept of Economics co authored a book titled 'Informal Sectors in the Economy: Pertinent Issues'
- Research scholars, Ranjini R Varma and Midhunasree AP were awarded Ph. D. under the guidance of Dr. Vimala P of the Commerce Research Centre of our college.
- Dr. Tinsy Rose Tom and Dr. Raji Mohan of the Department of Commerce were recognized as Research Guides of M.G. University.

STUDENT ACHIEVEMENTS

- Maria Josephine Varghese of II M A English got selected for the Aspire Scholarship instituted by Directorate of Higher Education Council.
- Aasisha M. P. of Maths Dept was awarded INSPIRE (Innovation in Science Pursuit for Inspired Research) Scholarship sponsored by Department of Science & Technology, Government of India.
- Bithiyah Joy, V. B. Shabnamol and Aswani Rajappan of Maths Dept were awarded Higher Education Scholarship, sponsored by Kerala State Higher Education Council (KSHEC).
- Aswani Viswan, Sandra M A and Chithrathara M of Dept of Zoology with their mentor Dr. Revathy S won First Place in Hackathon at All Kerala ED Club Conclave "Enlight 2020" organized by the Kerala State Industrial Department.
- Our teams bagged first prize for Group song, Folk Dance and Oppana in the group events of Mahatma Gandhi University Youth Festival held at Thodupuzha.

PERFORMANCE APPRAISAL OF THE STUDENTS

Total strength of the student community: 1849

Commendable achievements in the M.G University examination:

- MA English Examination
 - Donna Rachel Sam - 1st rank
 - Anu Thomas - 6th rank
- BSc Zoology Model II Examination

- Neetha P. S, -1st rank
- Gayathri M .R -2nd rank
- Aswathy Anil -3rd rank
- B. Sc. Chemistry
 - Sharminaz CS - 2nd rank
- B A English Language and Literature, Model I Examination
 - Mehjebin Farzana -4th rank
- M. Phil Commerce Examination
 - Simi Susan Saji -1st rank
 - Anjana S -2nd rank

RESULTS 2020-2021

Programme code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in the final year examination	Pass percentage
BMM1RSXC01	BSc	Mathematics Model 1	50	36	72
BPH1RSXC02	BSc	Physics Model 1	37	34	91.8
BCH1RSXC03	BSc	Chemistry Model 1	28	22	78.5
BZO1RSXC04	BSc	Zoology Model 1	37	35	94.5
BZO2RSXC04	BSc	Zoology Model 2	26	22	84.6
BBO1RSXC06	BSc	Botany Model 1	33	30	90.9

BCO1RSXC07	B.Com	Finance & Taxation Model 1	48	46	95.8
BEC1RSXC08	BA	Economics Model 1	50	38	76
BEN1RSXC09	BA	English Language & Literature Model 1	45	38	84
BCE2SSXC10	BA	English Literature & Communication Studies Model 3	29	29	100
BML1RSXC11	BA	Malayalam Language & Literature Model 1	41	36	87.8
BCO1SSXC12	B.Com	Finance & Taxation Model 1 (SF)	49	45	91.8
BCA1SSXC13	B.Com	Computer Applications Model 1 (SF)	44	38	86
BTT1SSXC14	B.Com	Travel & Tourism Model 1 (SF)	34	24	70.5
MPHRSXC02	MSc	Physics	50	36	72
MMBRSXC05	MSc	Microbiology (SF)	37	34	91.8
MCORSXC07	M.Com	Finance (R)	28	22	78.5
MENRSXC09	MA	English	37	35	94.5

MMLRSXC11	MA	Malayalam	26	22	84.6
MCOSSXC12	M.Com	Management (SF)	33	30	90.9

SCHOLARSHIPS

Government Scholarships/Freeships and Endowments

Name of the Scheme	No. of Students Benefitted	Amount	No. of Students Benefitted	Amount
	Scholarships		Endowments	
Higher Education Scholarship	19	228000		
Higher Education Scholarship(Renewal)	22	578000		
Muslim Girl Scholarship	9	45000		
Muslim Girl Scholarship (CHMS) (Renewal)	22	117000		
Blind/Physically Handicapped	2	8000		
State Merit Scholarship	5	6250		
Suvarna Jubilee Merit Scholarship	6	60000		
Suvarna Jubilee Merit Scholarship(Renewal)	4	40000		
Prof Joseph Mundaserry Scholarship	1	10000		
Post Metric Scholarship	71	213000		
Post Metric Scholarship(Renewal)	35	105000		
Center Sector Scholarship	27	270000		

Center Sector Scholarship (Renewal)	8	80000		
Aspire Scholarship	1	16000		
JRF	2	662280		
Inspire Sclarship	2	80000		
Freeship to SC Students(E-Grantz)	198	1766609		
Freeship to ST Students(E-Grantz)	25	702260		
Freeship to OEC students(E-Grantz)	18	399085		
Freeship to OBC students(E-Grantz)	285	887420		
Freeship to General Category(E-Grantz)	183	660610		
Freeshipt to OBCH Students(E-Grantz)	15	278630		
Freeship by Sports Council of Kerala to Sports Students	14	643200		
Endowment Prizes Instituted by retired teachers			86	67810
Prizes by PTA			68	85840
Freeship to Sports Students by Management			8	485000
Scholarship by Co-operative Society			12	6052
Student Aid Fund for Regular Students			14	7125
Student Aid Fund for Self Financing Students			6	2585
Student Aid Fund for Regular Students			15	14100
Student Aid Fund for Self Financing Students			6	4210

INTERNAL QUALITY ASSURANCE CELL (IQAC)

IQAC Organized regular meetings to plan and analyse the quality of activities organized by various units of the Institution.

To ensure quality enhancement of the institution, the following initiatives were undertaken:

- Compiled Results and did presentation of Result analysis for last year and the semester wise results published so far.
- Organized training programmes for teachers on ISO, deQ and life skills.
- Organized Intra-institutional orientation class for teachers on Outcome Based Education (OBE).
- IQAC took initiative to organize the Student Solar Ambassador Workshop 2019 in connection with the 150 years of celebrating Mahatma. Assembled 25 lamps and 100 students and 4 teachers participated in the programme.
- Organized a two day inter-collegiate workshop on Outcome Based Education (OBE) in association with Kerala Higher Education Council
- IQAC Student wing was formed and an orientation class was organized for them.
- Submitted AQAR 2018-19 in the online format and got approval for the same from NAAC.
- Submitted data for NIRF Ranking 2020
- Organized three day National Workshop on **CYBERGOGY** in association with Central University of Kerala.
- Organized Academic Week from 16th to 20th December 2019. The theme for the year was **Hope and Healing for the Environment**. The following academic events were conducted :
 - Intercollegiate PPT Competition on the topic Smart Policies for an Eco Smart City
 - ORACLE-Interdisciplinary Talks on topic related to Environment by Eminent Personalities/Scientists
 - INTERACT-Interdepartmental Student Exchange Program
 - Interdepartmental Quiz Competition
 - One day Seminar on IPR was organized in association with Research Promotion Council and Institution Innovation Cell. Research Scholars and Second year PG students attended the same
 - Organized Faculty development programme for teachers on Revised NAAC Accreditation Framework.
 - Collection and analysis of feedback from all stakeholders on curriculum and quality-related institutional processes.

RASHTRIYA UCHTHAR SHIKSHA ABHIYAN (RUSA)

- The institution received a sanction for 2 Crore Fund from RUSA under the scheme Infrastructure grants to Higher Education Institution.
- Construction of the Academic Block started in November 2020 and the work is progressing.
- The Foundation of the Academic Block was laid by Rev. Sr. Charles CTC (Provincial Superior and Former Principal, St. Xavier's College for Women Aluva).
- Renovation works of College Auditorium and Non-teaching Staff Room is completed.
- Renovation works of the Guest Room and Toilet Complex are progressing. The institution received 50% of the total fund from the State Government.

DAY OBSERVANCES

The different departments and cells of the college observed days of national and international significance with competitions, talks and other programmes.

DAYS OBSERVED	EVENTS ORGANISED
World Environment Day	Theme "Reimagine, Recreate, Restore," conducted interdepartmental essay competition, prepared videos on climate change, ventured cleaning drive and conducted online quiz competition.
International Yoga Day	Organised "Yoga for well-being"
Vayanavaracharanam	Observed reading week
Keshavadev Anusmaranam	Organised memorial lecture
Basheer Anusmaranam	Organised memorial lecture
Munshi Premchand Jayanthi	Competitions by soch vichar club
NSS Day	Flag hoisting

Independence Day	Flag hoisting
International Non Violence Day/ Gandhi Jayanti	Ventured cleaning drive ; NSS organised rally
Ozone Day Celebrations	Essay Writing & Quiz Competition by Physics dept
World Food Day	Chemistry department organized lecture on food adulteration
NCC Day	
Constitution Day/ Samvidhan Diwas	Seminar on Unity in Diversity in India – Media pluralism by Electoral Literacy Club
Palliative Care Day	NSS organised seminar
National Science Day Fizika 2020	Competitions by Physics department

STUDENT SUPPORT SERVICES (Academic)

COLLEGE LIBRARY

- The Activities of the College Library of the Academic year started with the celebration of 'Vayanavaram' (Reading Day). The celebrations were inaugurated by the famous Malayalam poet, Sebastian. A 'Kaviyarrangu' (Poet's Meet) was held in which students & teachers presented their own poems.
- A book Exhibition by N.B.S and various competitions like poster designing , elocution and book review were conducted.
- The Library week celebration, 'Vaikhari' was inaugurated by the famous Malayalam writer, Francis Noronah & the famous Tibetan poet, Tenzin Tsundue. The one week long program was rich with various activities like Book Talk, Discussions etc. Competition were conducted separately for students, teachers & administrative staff.

RESEARCH PROMOTION COUNCIL

The inauguration of activities of Research Promotion Council was done by **Dr. Swapna P. Antony**, Assistant Professor, Dept. of Marine Biology, Microbiology & Biochemistry, CUSAT.

Other activities include:

- Release of **Book of Abstracts** (2018-19) based on paper presentations by Research Promotion Council on 14th June, 2019

- **Chat with Scientist-** Rev. Dr. Sr. Stella Grace, Vice Principal of the college shared her international and national internship experience with students
- Five students and one faculty presented papers during the paper presentation sessions
- Vol (7)(1) of Discourse- Xaverian Research Journal published
- Ten applications for KSCSTE- SPYTiS project were submitted after scrutiny by Research Promotion Council
- Progetto-2019- Application invited for Financial assistance for U.G. & P.G. project
- Donna John of II M.A. English was selected as the best paper presenter of the year 2018-19
- One day seminar on “Intellectual Property rights” was conducted.

STUDENT SUPPORT SERVICES (Non-Academic)

COLLEGE STUDENTS' COUNCIL

The election to our college student's union council for the academic year 2019-2020 was conducted successfully on 21st August 2019. The following students were elected to the Students' Council:

Chairperson	Aja K Raj	2nd Dc Physics
Vice Chairperson	Milna Mathew	3rd dc communicative English
General Secretary	Anu Jose	3rd dc english literature
Magazine Editor	Niya Varghese	1st dc english literature
University Union councillor 1	Aparna S	3rd dc chemistry
University Union councillor 2	Sreelakshmi Sreekumar	3rd dc zoology model 1
1st year Representative	Afra Mansoor	1st dc zoology model 1
2nd year Representative	Jyothika S	2nd dc chemistry
3rd year Representative	Swetha S	3rd dc maths
1st Pg representative	Fathima KM	1st MA English
2nd Pg representative	Shilpa Stanly	2nd MA Malayalam
Arts club Secretary	Grace	2nd Bcom tax self

The teacher advisors of the Students' Council were Dr. Ansa Alphonsa Antony, Ms. Joissy Mathew, Dr. Raji Mohan and Dr. Suma KU.

The College Union was officially inaugurated by Honorable Minister J. Mercykutty Amma and the Arts club was inaugurated by the famous script writer Mr. Sanjay.

- The Student Council organized fresher's day under the Banner 'Aloha Novato' which showcased the talent of new students of the college.
- An orientation programme for parents of first year degree students was conducted.

- Onam was celebrated with Vadamvali and uriyadi , Onappattu, maveliyum kottarum and pookalam competitions.
- Conducted Xaverian Week 'Haritham 2K19' and the College youth festival-ADVAYAM
- College Christmas celebration, 'JINGLE FIESTA' was conducted with Christmas competitions like snowman competition, Christmas tree decoration, Christmas carol singing and Santa Claus competition.
- In the Xaverian Queen contest, Anna Joy of English Department was crowned as 'XAVERIAN QUEEN 2k19'.
- A photo contest and 'Dance Floor' arranged on Valentine's Day.

NATIONAL SERVICE SCHEME

- NSS unit organised a career guidance session in association with IMA, Kerala Action Force, Janaseva, Anwar Palliative Care and IMA VIMA. The programme also comprised of study material distribution, award distribution and wheel chair distribution.
- World environment day was celebrated by distributed saplings to students and teachers.
- Orientation class by senior NSS Programme Officer Dr. Saumi Mary M.
- As part of International Yoga day our students performed yoga in the college auditorium.
- NSS Volunteers performed a Skit to spread the message of taking care of aged- parents as part 'Samrakshana Sangamam', an initiative of Anwar Palliative Care.
- As part of Green Campus Programme, NSS Volunteers cleaned the college premises and Thanaloram.
- A Hair donation camp "Sneha sparsham" was organized in collaboration with Little Flower Social Service centre and Amala Institute of Medical Sciences.
- 45 NSS volunteers and two teachers attended nature camp at Peechi – Vazhani Wild Life Sanctuary. Orientation classes were on Conservation of Wildlife, Conservation of Butterflies, snake and snake bites.
- NSS unit of our college launched a new initiative named ANNAM to distribute pothichoru st Old age homes and Orphanages
- Class on green protocol by Mr. Mohanan of Suchithwa mission was conducted.
- A session on Self defence techniques was conducted by Kerala Police
- Academic training offered to 2 Hemophilia patients at Govt Hospital Aluva by NSS volunteers.
- Signature campaigns in collaboration with District child welfare organization and Justice for women rights forum, Choornikkara.
- In collaboration with Adayalam, the NSS participated in paddy cultivation in Choornikkara Grama Panchayath and also in the human chain organised by Adayalam.

- Our NSS unit hosted valedictory function of the National Eye Donation Fortnight organised by Dr. Tony's Eye Hospital, Aluva.
- NSS unit 45 in collaboration with HDFC and IMA Ernakulam organised a blood donation camp
- NSS DAY celebrations were inaugurated by Sri. Anwar Sadath MLA.
- A warm reception was accorded to Poshan Express Thiruvananthapuram, a Sambhusta Keralam collaborative initiative by Women and Child welfare department, Government of Kerala.
- FIT INDIA PLOG-RUN was inaugurated by the Principal Rev Dr Sr Shalini.
- An oath on cleanliness was taken by NSS Volunteers along with the Railway staff.
- NSS Volunteers participated in white cane day celebrations at BLIND SCHOOL KEEZHUMADU.
- NSS unit received Kesha danam = snehadanam award from Amala Institute of Medical Sciences, Thrissur, for hair donation initiative.
- Panel discussion on the topic "Integrity a way of life" was conducted by NSS unit .
- Paper Bag making – an initiative to introduce to ban plastic bags as part of Green Campus Protocol was organized.
- As part of the observation of Constitution Day, Principal and NSS volunteers read the preamble.
- NSS volunteers and Programme officers attended the prestigious Mathrubhoomi Arogya Masika Health Expo at Indira Gandhi Indoor Stadium, Kadavanthra, Cochin.
- A Motor rally was organized by Aluva city police for the staff and students of St. Xavier's college.
- NSS Volunteers and programme officers attended an awareness class on AIDS and the students a performed a skit for AIDS awareness.
- NSS unit organized an awareness class on corona virus for its volunteers.

NATIONAL CADET CORPS

Our NCC unit functioning under the guidance of 7 Kerala Girls Battalion, NCC Thrissur achieved several outstanding recognitions during this academic year.

- Under Officer Anmol Wilson of BA Economics attended the All India Leadership camp at Kharagpur, West Bengal.
- Cadet Agna William of B.com attended the Inter-Group Thal-Sainik camp at Calicut and also the National Integration camp at Rajasthan.
- Anagha Sathhesh of Bsc Physics and Sulu Sabu of B.com attended the Pre-IGC Thal Sainik camp and Anagha Satheesh attended the Ek-Bharath, Shresht -Bharath camp at Kasarkod.
- Sulu Sabu attended the EBSB camp at M D College Pazhanji. Arya N.Nair of BA English and Athulya P B of B.com attended Pre-IGC Republic Day camp at MES Marampilly.
- Sangeetha Lakshmi of BA Economics and Binaya B of Bsc Mathematics attended Army Attachment camp at 15 Dogra Regiment Bangalore.
- 52 cadets attended the Annual Training camp at Carmel college Mala, during Onam holidays.

- Cadets' actively participated in Swatch Bharath Abhiyan. Plogging, historical monument cleaning and Aluva Manapuram cleaning have been done by our cadets.
- Environment day, Yoga day, Kargil day, Hand wash day, Independence day and Republic Day were celebrated by our NCC unit.
- Cadets participated in the two-wheeler rally and an awareness class was taken by Mr.K C Antony Joint RTO,Aluva.
- As part of Malayala Manorama project *Kuttipadam*, cadets actively volunteered to distribute vegetable plants and varieties of trees and cadets' joined their hands together making a vegetable garden in the campus.

PARENT TEACHER ASSOCIATION

The PTA has been strongly supportive in all the academic and non-academic activities of the college. 4 executive committee meetings were held.

PTA carried out the following services and activities:

- 11 projectors were installed this year.
- 9 Desktops and 6 Laptops were distributed to various Departments
- A sum of 1 lakh rupees was allotted to Commerce Research Department for the infrastructure development.
- An orientation class by Prof. C.D. Sebastian was held for the parents
- In association with Jesus Youth, 2 days Exhibition "Pro- Life(the Voice of unborn)" was arranged.
- Gold medals were awarded to the rank holders in the University examinations. Cash prizes and certificates were distributed to the students who secured proficiency prizes. Outstanding students of NSS, NCC, Tourism club, Sports, and Award winners were honoured.
- A sum of Rs. 50000 was given to NSS and NCC to support flood affected families of Wayanad.
- Rs.1 lakh was allotted to construct a house for a student who lost her house in flood.
- Rs.25000 was donated to meet the financial expenses of the NSS van.
- A sum of Rs 10,000 was given for NSS camp.
- A sum of 1.5 lakh rupees was allotted to PG departments for purchasing library books.
- Rupees 1 lakh was given to meet the expenses of Youth Festival and Rs.50000 for the All Kerala Inter collegiate Basket Ball and Volley Ball Tournament conducted by the college.
- Financial aid was given for the International Seminars conducted by the Departments of Commerce, English and Physics.

COLLEGE MAGAZINE & NEWS LETTER

- “Diary, the first e-magazine of the college was released by writer, K Rekha. Ms. Camilla Diana B H was the chief editor and Ms. Varsha K Sunil Kumar was the Student Editor.
- The college Newsletter ‘Imprints’ was released by Fr. Bobby Jos.

ADDITIONAL SKILL ACQUISITION PROGRAMME (ASAP)

- ASAP a joint initiative of General and Higher Education Departments was launched with an objective to impart quality skill education to the higher secondary / undergraduate students alongside their curriculum.
- This year two batches were trained for the Foundation Module of ASAP consisting of sessions focusing on Personal Interpersonal, Communication, Language and IT skills.

OSAX (Old Students’ Association of St. Xavier’s)

- The association organised Dr. Sr. Redempta memorial intercollegiate state level Essay competition on the topic “Climate change and Environmental Issues”.
- A lecture series was organized under the auspices of OSAX and alumnae were invited as resource persons and a Calligraphy class was organized.
- Under the project “Snehasparsham” financial support of Rs 10,000 was given to Mrs. Hanza Abdul Latheef, an alumna suffering from Wilson disease.
- Annual OSAX fair “OSAX UTASV 19-20” was conducted.
- OSAX honoured the rank holders with endowment prizes on the college day.
- The newsletter “NOSTALGIA” was released
- OSAX honoured our alumnae who received prominent achievements and acquired Ph.D.

STAFF ASSOCIATION

- Staff Association contributed generously for constructing a house for a student and distributed Christmas kits to the needy.
- The Association organised a 15-hour mentoring course for teachers to strengthen the mentoring system of the college.
- A free medical check up was conducted for the administrative staff.

RELAX AND RENTAX

Retired Lecturers Association of Xavier's (RELAX) and Retired Non –Teaching Association of Xavier's (RENTAX) are the associations of retired teaching staff and non-teaching staff respectively. They play an integral role in the activities of the college through their valuable support and encouragement.

HEALTH CLINIC

- Dr. Sr. Sushmitha, Consultant (Family Medicine), District Govt. Hospital, Aluva, is available for students and staff from 9 a.m to 10 a.m on Fridays

COLLEGE HOSTEL

- 140 students of the college utilize the hostel facility.
- The inmates celebrated Onam, Christmas and Hostel Day with variety of programmes.
- An annual tour was organized.

CELLS OF THE COLLEGE

WOMEN CELL

- Women cell was inaugurated by Dr.Lissy Shajahan, Life Coach, Personality Development trainer and KSWDC member with a motivational talk on 'Design your Destiny.
- An awareness class on Rights of Women and Gender Equality as part of *Absamjauthanahi* Campaign in association with Josh Talks "Voice your concerns and empowerment of youth" was conducted.
- As part of Women Equality Day celebration, a poster designing competition on "Women Equality in Society" was conducted and a street play was performed on World girl child Day at Govt girls higher secondary school, Aluva along with a Musical whistling competition.
- An awareness class "Sparsham" on good touch and bad touch was organized on world girl child day at St Francis School by Dr.Linda Louis.
- A Flash mob at Aluva Railway station was conducted on World food day against wastage of food. By pasting posters in the walls of hotels "Share food....Don't waste" an awareness campaign was organized.
- Distributed food packets to the needy people as part of "share a meal" program in Government hospital, Bus Stand and Railway Station, Aluva.
- A complaint box was installed in the campus
- Organised a cancer awareness class on World Cancer Day by Dr Wesley M Jose of Department of Medical Oncology, Amrita Institute of Medical Sciences.

- A street play "Stay Healthy, Stay away from cancer" was performed. In association with Drama Club celebrated International Men's Day with a street play.
- On Women Entrepreneur day, workshop on chocolate, paper bag, cloth bag and notepad making was conducted.
- Counselling class on "How to make healthy relationships and be positive" By Fr. Rajeev Micheal, Clinical Psychologist with 15 counselors was conducted.
- The Cell organized programs to familiarize "181 mithra Helpline number "as a peculiar activity.

ANTI NARCOTICS CELL

- Anti narcotics Cell organised a poster competition on the topic "Say no to drugs" for College as well as school students in order to create awareness among them in May 2020.
- The cell also organized online quiz competition at national level on the harmful effects of drugs and its outcome in June 2020 and 219 students across India participated in the awareness campaign.

COUNSELLING CELL

- Counselling sessions were available to teachers and students on all Thursdays.

CAREER GUIDANCE AND PLACEMENT CELL

- The cell conducted a seminar on Higher Education & Job Opportunities for all final year UG and PG students. The session was handled by Sri M. V. Polachan, Deputy Chief, University Guidance Bureau, Sanskrit University, Kalady.
- One-day Pre-placement Training Programme for final year UG &PG students, which included soft skill training, personality development, resume preparation and group discussion/interview training, has been conducted.
- A seminar on Medical coding opportunities and PG entrance examinations were conducted.
- An online placement drive by Chegg India was conducted.
- A campus drive by Sutherland Globa, Accenta Educationl and Goan Institute was conducted in which 32 students were selected as Associate and soft skill trainers.
- The college has been registered in Internshala- the online portal by MHRD to provide internships to students. A total of 853 students has been registered through the Placement Cell of the college in Internshala.
- The college has also been registered in Kerala State Job Portal in the year 2019-20.

SPIRITUAL FORMATION & JESUS YOUTH

- The Jesus youth volunteers welcomed I DC students.

- There was Rosary procession in October.
- The feast of the Holy Patron of the college, St. Francis Xavier “Xaverian day” was celebrated with a Solemn Eucharistic celebration.
- Cultural programmes were also presented in connection with Xaverian day celebration in which the students presented a skit about the life story of Saint Francis Xavier.

DEPARTMENTAL ACTIVITIES

P G Department of English and Research Centre

- The Department organised an International Seminar on *The Dynamics of Histrionics: Themes, Motifs and Emerging Trends in Contemporary Theatre*
 - Resource persons: Dr. Stan C. Denman (Baylor University, Texas) and Dr. Meritt Denman (Florida State University).
- The formal inauguration of the activities of English and Communicative English Association was done by Dr. Edward Edezhath.
- NET coaching was provided and 6 students of the Department qualified UGC Net in the academic year.
- Add-On Courses in French and German were conducted
- Lee Chung Habe, Director of International Mind Education Institute, from Korea held a session on ‘Mindpower’.
- The department conducted the following activities in association with the Communicative Dept:
 - ✓ *Book Quest* and Book Anthakshari Competition on World Reading Day.
 - ✓ Water Colouring competition on World Water Colour Day.
 - ✓ Green poems recitation competition on The World Environment day
 - ✓ Organized a session ‘Learn with the Peers’ by Post Graduate Students.
 - ✓ A State-level inter-collegiate dissertation competition, *I-Quest*
 - ✓ Commemoration of Girish Karnad

P.G. Department of Malayalam

- Malayalam Literary Association was inaugurated by famous novelist T.D Ramakrishnan.
- The Vayanavaraghosham from 19th to 24th June. Vayanadinam was celebrated with different competitions like Book review, Story writing, Literary competitions, Quiz Competitions and a talk by Ms. Kavitha Balakrishnan .
- Prof. M. K. Sanu delivered a talk on the poem Chinthavishtayaya Seetha in association with Aluva Taluk Library.

- Keshavdev Memorial Lecture and Basheer Memorial Lecture were conducted
- Sreejith, of APTEK Kottayam, conducted career guidance class.
- In association with Bhumi- a national volunteer group, the teachers and students of the Department recorded about 40 audio books Malayalam stories and novels for the specially abled and transferred to SAKSHAMA, an NGO.
- A state level P G dissertation competition for Prof. Mary Juliet endowment award was conducted. A quiz competition 'KA' was conducted in collaboration with Mathurbhumi Daily.
- Collaborating with District Library Council organized a Manipuri dance performance, wherein Sinam Basu Singh and team performed classical and folk Manipuri dance.
- A literary platform named "Ezhuthocha" was inaugurated by Kannan Sidharth.
- As lecture on Environmental protection was given by Mr. Venu K. Varyath, writer and environmentalist.
- Smrithi (Literary Magazine), and Punarjanani, (manuscript magazine) were released.
- Folklore Club was inaugurated and organized Njattuvela Sargakairili jointly with District Library Council which was inaugurated by Mr. Sumarnadh, folklore artist from Rajasthan
- Invited lectures of Rajanand (writer), P.R. Raghu (President of District Library Council) and M. R. Surendran along with performance of folk arts organized by SPIC-MACAY.
- A seminar on 'Bhashayude Thalakramam' was conducted lectured by K. B. Rajananth on Vritas of Malayalam poetry.
- In association with the Readers and Writers club and the Madhyam Daily organized Vayanakalari.

Department of Hindi

- Soch Vichar Club inaugurated by the Principal Dr. Sr. Shalini
- Premchand Jayanthi was celebrated.
- As part of the Hindi week celebration various competitions were organized, including *Vaachan pratiyogitha*, *Shabd paheli pratiyogitha*, *Hindi Bhajan pratiyogitha* and *Anusheershak lekhan pratiyogitha*

Department of Economics and Political Science

- The activities of the "Economics Association and Planning Forum" was inaugurated by Ms. Renjini S, Assistant District Mission Coordinator of Kudumbasree, Ernakulam
- Manuscript magazine 'Esriptura' was released.
- The department of Political Science offered scholarship to students who secured highest marks in complimentary course in the U.G Degree (CBCSS) Examination, 2019.
- Electoral Literacy Club conducted
 - a. Ballot Bistro session on "Revivification of Inclusion of women in political participation in India".

- b. Seminar on 'India –Land of Unity in diversity' by Lebi Sajeendran on National Integration.
- c. Read preamble on 26th November observing Constitutional Day.
- d. Awareness campaign for online registration of voters election Id in association with Ernakulum District Election Commission
- e. Prepared monthly wall magazine on Wall of Democracy
- Organised a Technical session on 'Research Methodology' by Dr. Resmi C.P, Assistant Professor, Jain University, Kochi.
- A session on 'Effective Communication Tips' Dr. Asha Pillai, Director, Asha Institute of Development, Aluva was organized.
- Organised an Entrepreneurship Exhibition Cum Sale titled "Eco Mega Mela, 2019".
- Organized an Inter Collegiate Education Fest, Econovanza-2019. Mother Isabell Memorial All Kerala Inter Collegiate Paper Presentation on Role of Media in disaster Management', Prof. Rebecca Mathen Memorial Debate on Social Media Guarantees Human Rights' and Inter Collegiate Quiz on 'Current affairs' were the competitions of Econovanza-2019.
- Organised one Day INPA Sponsored National Seminar on "The Need of Revitalization of Parliamentary Democracy in India inaugurated by Honourable Justice P. Ubaid, Former Judge, High Court of Kerala.
- Human Rights Forum organized a lecture on "The right to an honorable livelihood to all: Social Responsibility of Business, Gandhiji's doctrine of Trusteeship" by K.G Baburaj Secretary, International centre for Gandhian Thoughts & Administrator, Kerala Sarvodaya Sangh.
- A training session for spinning Charka- the physical embodiment and symbol of Swadeshi and self-sufficiency was also organized. This was followed by an exhibition & sale for promotion of Khadi - The fabric of Indian Independence.
- The Seventh Mother Mary Magdeline Memorial Lecture instituted on "Contemporary India: Prospects & Threats" by Mr. Joy Gothuruth, Social Activist and Writer

Department of Botany

- Botany association was inaugurated by Dr. Joby Paul, Assistant Professor in Botany, St. Thomas College, Thrissur.
- A training session on mushroom cultivation was given by Mr.Vijayan, Vinayaka mushroom, Athani. Thirty beds of Oyster mushroom were prepared and kept for spawn running in mushroom cultivation room. Harvested mushrooms were sold to students, staff and public.
- Under URJAKIRAN (Funded by The Energy Management Centre (EMC)) a Signature campaign was conducted in railway station.
- An awareness class on energy conservation was conducted at Mini Civil station and Mr. Chandran was resource person.

- Biodiversity club visited flora of Ponnakudom Kavu, Thevakkal to record and conserve the biodiversity.
- The lotus nature club conducted interdepartmental essay writing and Poster making competitions.
- Conducted Green audit of the institution.
- Dr. Benny Joseph delivered a talk on Man and Environment on Academic Week.
- An Algal collection trip to Thirumulavarum, Alppuzha.
- Mrs. Bibitha Jayaraj gave a talk on “Science in Daily Life”.
- A career development programme was organized by Mr. Sooraj Abraham and Mr. Rasheed of plan@earth .
- Dept. of Science and Technology – Major Project –Rs.17,25,670 /- and . ECAD - Govt. of Kerala - URJAKIRAN – Rs.11,000/- was received

Department of Zoology

- Department organized a one-day national workshop on “Foldscope as an Educational Tool” for college students addressed by Dr. H. Shakila, Professor and Head, Department of Molecular Microbiology, Madurai Kamaraj University.
- Zoology Association was inaugurated by Dr. M. R. Ramesh Kumar, Chief Scientist, National Institute of Oceanography, Goa.
- Department newsletter **Nisarga** was released.
- Organised FINCHE 2019 – Finding your NiCHE, a career guidance class by Sri. Ravi Kiran, Director, Research World, Thevara
- The department in association with BhoomithraSena Club organized a talk on Forests and wildlife by Mr. S. Balashankar, Forest Officer, Forest Head Quarters, Thiruvananthapuram.
- ‘Academia 2K19’, a talk was organized by the department on ‘*Vikasana Mathrukakal Thiruthi Ezhuthendathundo - Pralayam Nalkunna Padam*’ by Dr. Martin G.D. Department of Chemical Oceanography, CUSAT, Kochi.
- Basil Peter, nature conservationist & wildlife Photographer handled a session on Wetland Day with his photographic exhibition in association with BhoomithraSena club.
- In the Alumna interactive program, Ms. Niya Benny, Research Scholar, CUSAT, Kochi interacted on the topic “Planning for Higher Education”.
- In association with BhoomithraSena Club conducted an Inter School & College Photography & Painting competition (Brush and Lens) as part of Wildlife week 2K19 on the Theme- Wild in the Backyard.
- Organized a programme “ A Forest walk with Birdman of Kerala – Dr. R. Sugathan” at Salim Ali Bird Sanctuary, Thattekad as a tribute on his 123rd birthday.

- Campus Bird Count was conducted in the college campus as part of Greater Backyard Bird Count and bird counts were uploaded to e-bird a citizen-based bird observation network in the biological sciences.
- Planted rice seedlings in an acre of land at Rice Research Station, Vytilla.
- Six sessions of the programme entitled “Junior Scientists” under the auspices of Archdiocese of Verapoly for the secondary school students were carried out by the department as Navadarshan Programme.
- Students along with a faculty member participated in the Idea challenge Samrambak Mithra competition held at St. Teresa’s College, Ernakulam.
- Conducted an aptitude test and Bridge Course on “Instrumentation and Field techniques in Zoology”.
- Jesna Davis and Kalyani Dilip got admission for M.S. in Chester University, UK and James Cook University, Australia respectively.
- Participated in the Dragon fly Survey at Kole Wetlands, Thrissur jointly organized by Kerala Birders, Society for Odonate Studies, Kerala Agricultural University and Kerala Forest Department.
- Aamina Ismail participated in the third Odonate Survey at Periyar Tiger Reserve, Thekkady.
- Participated in the Multi Institutional project on Mapping pathogenic *Vibrio* Population at Vembanad Lake at CMFRI, Kochi.
- Participated in the Meenachil Odonate Survey organized by Tropical Institute of Ecological Sciences (TIES).
- Participated in the Onam bird count organized by birdcount.in.
- Participated in the Beach birding activity titled Beachcombing for Shore birds organized by the Cochin Natural History Society at Kuzhuppily, Ernakulam.

Department of Chemistry

- Chemistry Association and Silver Jubilee celebrations of the Department of Chemistry was inaugurated by Aravind K , Assistant Professor, S B College, Changanassery and Rtd Former faculty Prof. T P Parvathy.
- As part of silver jubilee celebrations of Dept of Chemistry Guruvandanam” programme was conducted as a mark of respect and gratitude to all the former eminent faculty and the non-teaching staff of the dept.
- In connection with the International Year of Periodic Table 2019 an interdepartmental and interschool Quiz competition on “Know the Elements ” was conducted.
- Commemorating 74th anniversary of Hiroshima day, an awareness programme on “Chemistry and Ethics of Atom bomb” was organized.

- Lab Cleanliness day was observed in connection with Gandhijayathi 2019.
- “Nobel week” Lecture series on “Life and Findings of Nobel Laureates and Famous Scientists” was organised.
- An awareness program on Food adulteration in [SNDP School](#).
- Seminar on ‘Introducing the elements in *Periodic table* and its uses’ was conducted for plus 2 students of SNDP HSS,Aluva.
- Session on Mahatma *Gandhi and Periodic table* was organised on the 150th birthday of Gandhiji for plus 2 students of SNDP HSS,Aluva.
- A seminar was organised on the topic “A Journey from Wild to the wildest’
- A competition on *Decoding the quotes* using periodic table was conducted for plus 2 students of SNDP HSS,Aluva.
- Six lab sessions were conducted to high school students as part of Junior Scientist programme under Navadarshan scheme to inculcate curiosity and interest in Science and research.
- An ADD ON course on " Jewellery designing and Fine Arts".
- In ORACLE session of Academic Week celebrations a talk on “ Chemistry of the Ecosystem- Introducing 118 elements" was organised .
- “XAV CARE” Initiatives (Xaverian Chemistry Association on Reviving the Environment)were conducted.
- Organised a workshop on HERBAL SOAP using Ocimum sanctum (Tulsi) ,Azadirachta indica (Neem) and Eclipta alba (Bhringraj) extracts and Kera Coconut oil with the assistance of Kudumbasree trainers.
- Workshop on natural Dishwashing liquid and paper bag making was also conducted.
- Flash mob at NisargadhamaTourist Centre,Coorg and distributed paper bags in shops.
- Each One Teach One programme Promoting Eco Tourism in Udupi.
- Dept.of Chemistry received UGC sanction for conducting B.Voc course in ‘Culinary Arts & Hospitality Management’.
- Received placement in Chegg India Online Tutoring Campus hiring Recruitment.
- Rini Simon and Lima Sebastian were First runners up in MBIFL’20campus literary Quiz conducted in Mathurubhumi International Festival of Letters 2020

P G Department of Physics & Research Centre

Physics Association was inaugurated by Dr.S.Lekshmi, Assistant Professor, Sanatana Dharma College, Alappuzha.

The add on course” ROBOTICS & AUTOMATION”was organized in association with DCS ROBOTICS, Aluva and a demonstrative class on Robotics & Automation was conducted.

- A class was organised on “HUMAN RIGHTS” by Ms.Minimole, Asst Prof, Dept of Political science, St.Xavier’s College Aluva.
- Ozone day was celebrated by conducting an online Kahoot quiz and essay writing competition,
- An Expert Talk –ORACLE- by Mr. Suresh, Additional Director, PCRA on the topic “Sustainable Development: It starts with you” was conducted.
- An International Seminar on “Artificial Intelligence” and workshop on “Deep Learning” was organized inaugurated by Mr.Arun Joseph, Machine Learning Scientist at BrainCorp, San Diego, California, USA.
- In association with IAPT (Indian Association of Physics Teachers), National Graduate Physics Examination (NGPE 2020) was conducted.
- Networkz Systems and Chandigarh University conducted a mock competitive test and orientation class on Artificial Intelligence and its future aspects.

Department of Mathematics and Statistics

- The official inauguration of the activities of the Mathematics Association was done by Professor Emeritus Dr. A. Krishnamoorthy, Hon’ble Director, Centre for Research in Mathematics, CMS College, Kottayam..
- A competition on presenting innovative ideas (Idea Contest) and mathematical model making (Math Architect) were organized with an exhibition and cultural fiesta.
- Organized a one day National Seminar on Mathematics for Space Applications (MSA 2019) which was inaugurated by Sri P. Ratnakara Rao, Former Deputy Director, Management Systems, VSSC/ISRO, Thiruvananthapuram.
- Priya C. Kurian, Scientist/Engineer, VSSC, ISRO, Thiruvananthapuram talked on “Design of Space Transportation System as an Optimisation Problem”.
- Rev. Sr. Bencita Endowment Lecture- “Overview on Orbit Dynamics and Spacecraft Operations” was done by Litty Jose, Scientist/Engineer, ISRO Telemetry Tracking and Control Centre, Bangalore.
- Organized One Day International Seminar on Stochastic Processes & Applications (SPA 2019) wherein Prof. Rein D. Nobel, Vrije University, Amsterdam, Netherlands and Prof. A. Krishnamoorthy, CMS College Kottayam were the resource persons.

- One day seminar “Academic Support Programme for Slow Learners” was conducted in association with IAIM, Kaloor.
- Conducted an intercollegiate Math Fest-TANTRA 2K19, in connection with National Mathematics Day Observation. A talk on Life & contributions of Srinivasa Ramanujan by Dr. AparnaLakshmanan S was followed by competitions like quiz, Poster Designing (Theme: National Mathematics Day) and Math Relay.
- Expert Talk -ORACLE on Academic week observation by IQAC. Dr.Pramada Ramachandran, Assistant Professor in Mathematics, St. Paul’s College, Kalamassery talked on “How Math can save the Planet”.
- Organised one day workshop on Madhava Mathematics Competition problems.
- Conducted self-funded Add on Course in Mathematical Aptitude.
- Dr. Aparna Lakshmanan served as a resource person in the International Conference on Discrete Mathematics, BITS Pilani, Goa Campus and also at Christ College, Irinjalakuda.
- A Wall magazine-MATHBIT and a one day workshop on newspaper art were organized by the students.

P G Department of Microbiology

- The Microbiology association was inaugurated by Retired Agricultural Officer Mr. E.M. Ali by watering the tree sapling.
- Say No to Plastic” Campaign by distribution of cloth bags to the students.
- Planting of tree saplings at Aluva Palace.
- Distribution of Cloth bags to the local people of Aluva.
- Communicable disease during rainy season-Pamphlet distribution to local people of Aluva, Perumbavoor & Alangad.
- Students attended the Cloth making bag session by Smt Mercy.
- As part of the academic week Mr Jose Jacob gave a talk on Yoga& Environmental Sustainability .
- As part of Interact programme Miss Jilju Jacob gave a powerpoint presentation on Refilling our water resources to Maths department
- The department contributed an amount of Rs.2000/- to Haemophilia Treatment Centre, Aluva as part of extension activity.

P G Department of Commerce and Research Centre

- The association activities were inaugurated by Dr. Sony Kuriakose and the newsletter of the Department was released on the occasion.
- Various Competitions like Best Manager, Business Quiz etc. were conducted.
- An industrial visit was made to Coir factory at Allapuzha.

- The Department organised an International workshop on innovations in Teaching and Learning using PBL Approach.
- 3 Students qualified UGC NET.

Department of Physical Education

- The Dept organized the Msgr. Augustine Maveli Memorial All Kerala Inter Collegiate Volleyball tournament and Rev. Sr. Redempta Memorial All Kerala Intercollegiate Basketball tournaments. Smt. Mary Femy Luiz, International Volleyball player inaugurated the championships. Adv. P V Sreenijan, President, Ernakulam District Sports Council and Shri Rana Jos Thaliyath Executive Member of Ernakulam District Basketball Association, gave away the prizes to the winners.
- International Yoga day was observed.
- Interdepartmental Chess, Arm wrestling, table tennis and Carroms Doubles Competitions were conducted.
- Annual Sports day was conducted on 19th of February 2019 with various events for Students, Teaching and Non-teaching staff.
- Dr. Cicily Pearly Alex , Head of the Department of Physical Education participated as Technical official for the conduct of Kerala State Senior State Athletics Championship held at Calicut, 17th Federation cup Junior National Athletics championship 2019 at Thiruvannamali, Tamilnadu and National Inter District Junior Athletics Meet 2019 at Thirupathy ,Andrapradesh.

Our teams won various competition s and tournaments in the previous year.

BASKETBALL TEAM

- Secured 3rd place in the M.G. University Intercollegiate Basketball Championship held at SPESS,Kottayam.
- Runners in the Ernakulam District Basketball championship held at Regional Sports Center, Kadavanthra .
- participated in the Golden Jubilee memorial 20th All Kerala Intercollegiate Basketball tournament organized by Assumption college, Changanaserry .
- Athiradas K represented M G University in the South –West Zone Basketball Championship held at Chennai.
- Ammu Unni, Lakshmi K Lalu, Sandra T S, Abhika Jayaraj and Ayrin Jaison represented Ernakulam Distrist in the Senior State Basketball championship held at Chenganoore .

VOLLEYBALL TEAM

- Secured 3rd place in the M.G. University Intercollegiate Volleyball Championship.
- Winners in the Ernakulam District Senior Volleyball championship held at Thiruvaniyoor .

- Winners in the Ernakulam District Youth Volleyball championship held at Neduvanoor .
- Runners up in the 26th Msgr. Augustine Maveli Memorial All Kerala Inter collegiate Volleyball Championship.
- Participated in the Fr Bartholomew memorial All Kerala Inter collegiate Volleyball championship held at S H College, Thevara .
- Sona S Kumar, Harsha Hareesh K K , Varsha M, Rajasree C R and Anagha P K represented Ernakulam District for the Senior South Zone championship held at Murikkaserry, Idukki and secured 4th position and qualified to super zone championship
- Suramya S, Harsha Hareesh K K , Varsha M, Rajasree C R and Anagha P K represented Ernakulam District for the Senior Super Zone championship held at Karimkunnam, Idukki.
- Jisha K S and Varnna M S represented M G University in the South –West Zone Volleyball Championship held at Chennai from 6th -10th of December 2019 and Secured 2nd place , they were also qualified to participate for the All India Inter university Volleyball Championship held at Kurushethra
- Jisha K S represented Kerala for the Khelo India Volleyball championship held at Gwahatti, Assam and won the championship under her captaincy.

ATHLETICS TEAM

- Our college Athletics team won the Winner's trophy in the 63rd Ernakulam District Athletics championship held at Maharaja's College Stadium, Ernakulam

KABADDI TEAM

- Our kabaddi team secured runners up trophy in the Ernakulam District Kabaddi championship held at Eloor, Pathalam .

CHESS TEAM

- Athira P Roy, III B.com selected to the M G university team for the South zone championship held at Thirupathy, AndhraPradesh.

SWIMMING TEAM

- Agna Williams (II Dc Commerce Self Finance) got 3rd place in 4x100 Mts FreeStyle Relay and 4x100Mts Medley Relay.
- Amiya Mary Johnson(I Dc English) got 3rd place in 4x100 Mts FreeStyle Relay and 4x100Mts Medley Relay.
- Liya J Padayattil (I Dc Commerce Self Finance) got 3rd place in 4x100 Mts FreeStyle Relay and 4x100Mts Medley Relay.
- Lakshmi k (I Dc Zoology) got 3rd place in 4x100 Mts FreeStyle Relay and 4x100Mts Medley Relay.

Department of Commerce (Self Financing)

- Commerce SF Association was inaugurated by Dr.Indira, former Associate Prof. , SreeSankara College, Kalady.
- A lecture was conducted on Company secretary course by Mr.Balasubramanian as part of academic day celebrations.
- Career guidance class on CA, CMA, CS, ACCA, CPA (USA)was given by Renjith Mathew.
- An Aviation Oreintation programme and a Tax Practitioner Class were conducted.

Department of Communicative English

- The Department organized 'Newspaper Writing 101', a workshop by Anubha George, Correspondent of the BBC, London.
- 'Vagary', the Departmental Manuscript Magazine was released
- Career Guidance Class for final year students was given by Dr. Sai Prasad
- A session on Environmental Reporting was delivered by PK Jayachandran , Chief Bureau of Mathrubhumi newspaper
- Page Nation Workshop conducted by Bijith Bhaskar .
- International Translation Day was celebrated with a three round interactive competition on Translation
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CLUB ACTIVITIES (Registered Clubs)

ENERGY AND ENVIRONMENT CONSERVATION CLUB (EECC)

- Energy and Environment Conservation Club organized the 'Student Solar Ambassadors' (SSA 2019) program in collaboration with IIT, Mumbai and the college IQAC.
- 100 members were trained for assembling solar study lamps and the initiative was also continued in connection with National Energy Conservation Day Celebrations.
- An awareness classes on conservation of energy and an open Quiz Contest were also conducted.

TOURISM CLUB

- As part of the World Tourism Day Celebrations, the tourism club conducted a painting and quiz competition on the topic green tourism.
- Tourism club in collaboration with Kerala Media Academy organized a photo exhibition on world famous photographs named "Global Image".
- Ethnic Day was observed as part of the tourism week celebrations followed by Ethnic Installation and Ethnic Queen Competition where students presented themselves in various traditional attires of India.

- Tourism Club in association with EBSB club organized Virtual Tour – Himachal Pradesh as part of Ek Bharath Sreshta Bharath campaign.

BHOOMITRASENA CLUB

- World Environment Day was celebrated by distributing plant saplings .
- A field trip to Rice Research Center, Vytilla was made to cultivate Pokkali.
- Awareness class about dengue fever & its control measures were given by the club members to the staff of rice research station and nearby houses at Chalikkavattom.
- Wild life week was observed along with department of Zoology with a Photo exhibition and a talk by Shri. S. Balsankar Assistant editor of Aranyam magazine.
- Three members attended "Swasraya Bharat" programme on "Scientoons" by Dr. Pradeep K Srivastava in order to develop a scientific carton ideas.
- Cloth bags were given to the entire staff and students of our college during Ethnic day rally and academic week observation.
- A lecture on Yoga and environment sustainability was conducted in association with Microbiology department.
- Experience sharing was held by Shri Hamidali Vazhakad towards nature conservation and a books were contributed towards setting a library in his school.
- Cloth and paper carry bag making classes were conducted and club members put up an exhibition cum sale in HARITHAM 2019.
- Workshop on Solar lamp assembly was organized along with energy conservation cell of our college.
- Competitions like paper carry bag making competition, know your tree challenge and essay writing competition was organized.
- Awareness lecture on Corona virus was conducted along with NSS.

ENTREPRENEURSHIP DEVELOPMENT CLUB

- ED club organised a training programme on “Effective Presentaion Skills and Idea Presentation Camp.
- Global Entrepreneurs Day was celebrated with “My Story Telling” session in association with Tie Kerala. Successful women entrepreneurs like Parveen Hafeez , Managing Director of Sunrise Hospital, May Joy , Managing Director of Ziva Maternity Wear, Anu Joseph, Founder of Cassaro Creamery, Nisha Krishnan , Founder of Channel I’m and Geetha Vinoj, Managing Director of Eat Green shared their experience with students and inspired them.

Other activities:

- Training on ecofriendly Paper Pen making

- Sale of vetiver bathing scrubs, pickles, ornaments
- Participation in the Investors Meet conducted by Samrambhak Mithra at St. Teresa's College , Ernakulam.
- Exposure visit to Patent facilitation Centre, CUSAT
- Business Idea Competition "Blooming Pink 2020

FOLKLORE CLUB

- Folklore Club was inaugurated and organized Njattuvela Sargakairili jointly with District Library Council which was inaugurated by Mr. Sumarnadh, folklore artist from Rajasthan
- Invited lectures of Rajanand (writer), P. R. Raghu (President of District Library Council) and M. R. Surendran along with performance of folk arts organized by SPIC-MACAY.

CLUB ACTIVITIES (Non-Registered Clubs)

DEBATE CLUB

- The Debate Club members won prizes in Speak for India Kerala Edition 2019 and All Kerala Maria Philip memorial debate competition.
- Mock Debates were conducted for the members of the club.

FINE ARTS CLUB

- Exhibition of 'best out of waste 'was conducted to inculcate a habit of 3Rs-Reduce,Reuse and Recycle
- Rangoli competition was conducted for students.
- Theme based decorations were done by club members in the college portico on Xaverian week 'Haritham'.
- Interdepartmental exhibition competition on 'My innovations and arts" were conducted during Xaverian week.

DANCE CLUB

- The members of the dance club performed various Dance forms as part of club inauguration and magazine release function of the college.
- A flash mob based on the theme 'Tribute to Malayalam cinema' has been performed by dance club members as part of onam celebration

THEATRE CLUB

- The club associated with the International Seminar “The Dynamics of Histrionics: Themes, Motifs and Emerging Trends in Contemporary Theatre” organized by the Research and Post Graduate Department of English and Communicative English.
- Theatre Club members performed a play titled ‘Compartment’.
- Theatre club organized Dubsmash, Mono Act, Kathaprasangam and Mimicry competitions.
- Theatre Club members performed skit and won second prize in the All Kerala Open Youth festival organized by YMCA. Aparna (I B. Com) won third prize for Mono act.
- Drama club performed a street play in collaboration with Women Cell at Aluva Railway station premises.

PAINTING AND PHOTOGRAPHY CLUB

- The Painting and Photography club organised ‘Caffe La Pittura’, a one day Workshop on Coffee Powder Painting and an inter-departmental competition on cartoon drawing and painting.
- The club members won prizes in photography, painting, caricature, poster making and cartooning in the YMCA Youth festival.
- Social media platforms like Facebook and Instagram and WhatsApp photography group are utilized to showcase the photography skills of students.
- Exhibition of the painting and photography of club members
- Hands on training on how to take shots from different angles
- Photography competition

FEED BACKS

The institution believes in perennial advancement and seeks to improve its functioning by positively responding to the Feedback received. To ensure the reach of the institutional policies to the stakeholders, three-tier Feedback mechanism is functional in the college.

1. Feedback on Curriculum- From Students, Teachers, Employers and Alumni
2. Students’ Feedback- About Teacher, Department and Institution
3. Student Satisfaction Survey

The feedback is collected, analysed and corrective measures are taken under the auspices of IQAC.

CONCLUSION

Anchored on its vision and mission, the college is conscious of its role in moulding young women into well-equipped personalities bold enough to brave the world. To achieve its motive, combined efforts of the management, staff, students and other stake holders are mandatory. With its open and broad outlook, the college envisions a fundamental advancement in academics and non-academics so as to ensure integral maturation of its primary stake holders and to confirm the well-being of the society at large. With such a futuristic aspiration, St. Xavier's College for Women, Aluva moves forward.



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