



**ST. XAVIER'S COLLEGE FOR WOMEN, ALUVA**

**REACCREDITED BY NAAC WITH A GRADE**

**ISO 9001-2015 CERTIFIED**

# **ANNUAL REPORT**

**2020-2021**

## **INTRODUCTORY NOTE OF PRINCIPAL**

Fixed on the vision and mission, the college activities of the year 2020-2021 were brim-full with events of high academic and social import. With a strong anchorage in the social and environmental commitment, varied events helped students to think and act meditatively on cross-cutting issues. The distinctiveness of the institution is upheld in all the endeavours moulding students to emerge as empowered women with integral maturation.

The year witnessed a great paradigm shift due to the COVID19 pandemic. Education switched completely to the virtual mode - not just academic but non-academic activities too. However, despite the pandemic, it has been a fruitful year focusing on different aspects of curricular and co-curricular activities.

I bow my head before the abundant grace that has been 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 staff, the administrative staff, students, PTA and our well wishers, excelling in every field of academics.

### **GENERAL STRUCTURE**

Teaching Staff	90
NTS	16

Students (UG & PG)	1865
Departments	14
Supporting Departments	4
Research centres	3
Faculty with PhD	39
Research Guides	13
Research Scholars	39
Current NAAC status	A Grade with 3.33 CGP

### **ADMISSIONS**

Programme	Total seats available	Total admitted
UG	796	534
PG	128	108
Ph.D	9	1
Total	933	643

### **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.
- Under the ‘Coursera Campus @ SXC, “Each One Learn One Online Course” initiative, 360 learners have completed at least one course from Coursera.
- 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**

<b>Sl. No.</b>	<b>Department</b>	<b>Infrastructure/Facility</b>	<b>Purpose</b>

1	Computer Centre	9 computers	To enhance Computational skills
2	Library	RFID facility	To ease library usage and management

### LIBRARY

Library Details	Stream	Available Number	New additions during the year
Books	Arts	42856	297
	Commerce	3778	59
	Science	11700	409
Journals	Arts	50	3
	Commerce	63	2
	Science	39	3
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		
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### COLLABORATIONS / MOU'S

Sl. No.	Title of Collaboration / MoU	Name of the collaborating agency with contact details
1	Faculty Exchange Program	Naipunya Institute of Management and Information Technology, Thrissur, Kerala
2	Ecotaxon- An e-workshop series to share expertise on ecological research & taxonomic knowledge	Nirmala College Muvattupuzha, Ernakulam, Kerala
3	Research, faculty and student exchange Program	Morning Star home science college, Ankamaly
4	Research	Amplicon Biolabs
5	Research	Phytocon pharmaceuticals Pvt. limited
6	Research	Primordia Life sciences
7	Internship	Make Intern
8	Research	Omicgen Life sciences

### 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.

<b>Mentor- Mentee Ratio:</b>			
<b>Year</b>	<b>Number of students enrolled</b>	<b>Number of fulltime teachers</b>	<b>Student- Fulltime teacher ratio</b>
2020 -21	1864	90	20.71

#### **EXTENSION ACTIVITIES**

Sl. No.	Activity	Department/Cell	Number of students participated
1	XAV care hand sanitiser	Initiative of the institution	23
2	Awareness video about COVID 19	NSS	25
3	Webinars on National Educational Policy (NEP)2020	NSS	5
4	NEP awareness week	NSS	32
5	FIT INDIA PLOG run	NSS	98



6	Green Election campaign, Haritham	NSS in association with Ernakulam Collectorate	5
7	Thanaloram Project	NSS	98
8	Sparsham- Charity Project	NSS	98
9	Documentary on Water Pollution	NSS	98
10	Baking Unit to provide food items to homeless	NSS	45
11	Swachta Pakwada	NSS	70
12	Social Conscetia	Department of Chemistry	10
13	Observance of World Paper Bag Day	Department of Chemistry	27
14	Environmental Awareness quiz	Department of Commerce	214
15	Arogya Jalakam-5 series	Department of Zoology	24
16	Awareness video on Waste Management and Climate Change	Department of Microbiology St. Xavier's College for Women, Aluva and St. Bede's College Shimla, Himachal Pradesh	8
17	Community extension programs-Go green grow	Department of Zoology	26

	organic, helping hand, cleaning environment		
18	Awareness Drive for Filament Free Kerala	Department of Physics	38
19	Freesizeclub PR campaign	Department of Communicative English	30

### **TEACHING AND ADMINISTRATIVE STAFF**

We have an efficient and dedicated team of 53 permanent teachers, 41 guest lecturers and 16 administrative staff. Even during the pandemic year, teachers constantly update their skills by attending online Refresher/Orientation programmes, Faculty Development Programmes, MOOCs, Seminars, Workshops 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**

<b>Dates (from-to) (DD-MM-YYYY) )</b>	<b>Professional development program organised for teaching staff</b>	<b>No. of Participant s</b>
04-07-2020	First Aid for Life	40

27-07-2020 to 02-08-2020	D teach	66
17-10-2020	Investor awareness programme	35
11-01-2021 to 15-01-2021	EXPERTEASE	79
20-03-2021	Virtual Labs for Experiential Learning in Science Domains	24

<b>Dates (from-to) (DD-MM-YYYY )</b>	<b>Administrative training program organised for non-teaching staff</b>	<b>No. of Participants</b>
29-6-2020 to 3-07-2020	E Learning to E Training	9
14-01-2021	Know Codex: Attuning non-teaching staff to Code of Conduct	14

**FACULTY DEVELOPMENT COURCES/ PROGRAMMES ATTENDED BY TEACHING  
FACLUTY**

<b>SL NO .</b>	<b>NAME OF THE TEACHER</b>	<b>NAME/TITLE OF THE COURSE</b>	<b>DATE(PERIOD)</b>
<b>FACULTY DEVELOPMENT PROGRAM</b>			

1	Sonia John Markose	Comprehensive E-Learning to E-Training guide for Administrative Work	25-5-2020 to 5-6-2020
2	Joissy Mathew	D TEACH	27-7-2020 to 2-8-2020
3	Sheneya Festus	D TEACH	27-7-2020 to 2-8-2020
4	Alphonsa Smitha K J	D TEACH	27-7-2020 to 2-8-2020
5	Archana Mohan	D TEACH	27-7-2020 to 2-8-2020
6	Chinju Joseph	D TEACH	27-7-2020 to 2-8-2020
7	Deppika Krishnan	D TEACH	27-7-2020 to 2-8-2020
8	Dr. Sheeba v Rajan	D TEACH	27-7-2020 to 2-8-2020
9	Dr Cicily Pearly Alex	D TEACH	27-7-2020 to 2-8-2020
10	Dr. Lima Antony	D TEACH	27-7-2020 to 2-8-2020

11	Dr Sujatha N V	D TEACH	27-7-2020 to 2-8-2020
12	Dr Raji Joseph	D TEACH	27-7-2020 to 2-8-2020
13	Dr Mercy Vargheese	D TEACH	27-7-2020 to 2-8-2020
14	Elizabeth Francic	D TEACH	27-7-2020 to 2-8-2020
15	Elji Susan Eldo	D TEACH	27-7-2020 to 2-8-2020
16	Geethanjali Anila k	D TEACH	27-7-2020 to 2-8-2020
17	Greeshna M Pai	D TEACH	27-7-2020 to 2-8-2020
18	Linsha Joy	D TEACH	27-7-2020 to 2-8-2020
19	Maria Joy	D TEACH	27-7-2020 to 2-8-2020
20	Rakhi R Rockey	D TEACH	27-7-2020 to 2-8-2020
21	Sr. Sindhu P J	D TEACH	27-7-2020 to 2-8-2020

22	Ninu Rose	D TEACH	27-7-2020 to 2-8-2020
23	Leena Deenja	D TEACH	27-7-2020 to 2-8-2020
24	Shereena John	D TEACH	27-7-2020 to 2-8-2020
25	Steffy Pius	D TEACH	27-7-2020 to 2-8-2020
26	Suma K U	D TEACH	27-7-2020 to 2-8-2020
27	Lincy Joseph	D TEACH	27-7-2020 to 2-8-2020
28	Minimole K	D TEACH	27-7-2020 to 2-8-2020
29	Asmy Antony	D TEACH	27-7-2020 to 2-8-2020
30	Dr. Newly Joseph	D TEACH	27-7-2020 to 2-8-2020
31	Ms. Beena Vargheese	D TEACH	27-7-2020 to 2-8-2020
32	Dr. Sr Stella K A	D TEACH	27-7-2020 to 2-8-2020

33	Nikitha Xavier	D TEACH	27-7-2020 to 2-8-2020
34	Soumy Mary	D TEACH	27-7-2020 to 2-8-2020
35	Sreeja V	D TEACH	27-7-2020 to 2-8-2020
36	Mini V S	D TEACH	27-7-2020 to 2-8-2020
37	Milon Franz	D TEACH	27-7-2020 to 2-8-2021
38	Dr. K Lekha	D TEACH	27-7-2020 to 2-8-2020
39	Dr. Bridgit	D TEACH	27-7-2020 to 2-8-2020
40	Dr. Aneymol V.S.	D TEACH	27-7-2020 to 2-8-2020
41	Dr. Liss Marie Das	D TEACH	27-7-2020 to 2-8-2020
42	Kavitha R Nair	D TEACH	27-7-2020 to 2-8-2020
43	Maya Mathew	D TEACH	27-7-2020 to 2-8-2020

44	Ruby M Pillai	D TEACH	27-7-2020 to 2-8-2020
45	Shyamala M.P	D TEACH	27-7-2020 to 2-8-2020
46	Tinsy Rose Tom	D TEACH	27-7-2020 to 2-8-2020
47	Jaya kuruvilla	D TEACH	27-7-2020 to 2-8-2021
48	Annie Feby	D TEACH	27-7-2020 to 2-8-2022
49	Dr. Seema K	Entrepreneurship, Incubation and Innovation	18-5-2020 to 3-6-2020
50	Dr.Revathy.S	Entrepreneurship, Incubation and Innovation	18-5-2020 to 3-6-2020
51	Bilu Job	D TEACH	27-7-2020 to 2-8-2020
52	Bindu Varghese	D TEACH	27-7-2020 to 2-8-2020
53	Binu Correya	D TEACH	27-7-2020 to 2-8-2020
54	Lidia Durom	D TEACH	27-7-2020 to 2-8-2021



55	Raji Mohan	D TEACH	27-7-2020 to 2-8-2020
56	Vimala George	D TEACH	27-7-2020 to 2-8-2021
57	Dr. Anu Anto	Faculty Development Programme on R	09-07-2020 to 14-09-2020
58	Dr. Baby Divya	FDP on Managing Online Classes and Cocreating MOOCs:2.0	08.06.2020 - 14.06.2020
59	Renjitha Reghunath	Advanced Concepts for developing MOOCs	02.07.2020 to 17.07.2020
60	Camilla Diana B H	Advanced Concepts for developing MOOCs	02.07.2020 to 17.07.2020
61	Dr.Anila N	Managing Online Classes and Co-creating MOOCS	25-07-2020 to 10-08-2020
62	Jasmine Gonsalvez	Managing Online Classes and Co-creating MOOCS	08.06.2020 to 14.06.2020
63	Dr Resmi Varghese	Managing online classes and co creating MOOCS	18-05-2020 to 03-06-2020
64	Dr. Ansa Alphonsa Antony	Managing online classes and co creating MOOCS	18-05-2020 to 03-06-2020

65	Dr. Linda Louis	Managing online classes and co creating MOOCS	18-05-2020 to 03-06-2020
66	Dr. Nisha P	Managing online classes and co creating MOOCS	18-05-2020 to 03-06-2020
67	Dr. Maria Paul	Managing Online classes and co- creating MOOCS	18-05-2020 to 03-06-2020
68	Dr. Sheena Xavier	Managing Online Classes and Cocreating MOOCs:2.0	18.05.2020 to 03.06.2020
69	Sruthy Francis M	Research Methodology	1.1.2020 to 15.10.2020
70	Ms. Dhanya Jose	One Weel FDP on "Open Source Tools for Research"	18.05.2020 to 03.06.2020
<b>REFRESHER/ ORIENTATION PROGRAM</b>			
1	Lidia Durom	Commerce Induction Training	10.11. 2020 to 9.12.2020
2	Dhanya Jose	"Faculty in Universities/Colleges/Institute s of Higher Education"	04.06.2020 to 01.07.2020
3	Anemol VS	Refresher Course in Life Science	2020-09-07 to 2020-09-20
4	baby divya	Refresher in Biological sciences	4.1.2021-16.1.2021

5	Annie Feby	Refresher in Life sciences	28.12.2020-9.1.2021
6	Anila N	Refresher in Synthetic Biology	2.2.2021-15.2.2021
7	Dr. Revathy S	Refresher in Life sciences	1.9.2020- 14.9.2020
8	Nisha P	Refresher in Environmental sciences	24.2.2021-9.3.2021

**SHORT TERM COURSES**

1	Dr. Anu Anto	One Week STTP on Statistical Analysis in SPSS Software	01.07.2020 to 07.07.2020
2	Sonia John Markose	“A Short Term Course in E-Teaching with Learning Management Systems”	1.06.2020
3	Dr Cicily Paearly Alex	A Life of Happiness and Fulfillment	8.10.2020
4	Sonia John Markose	Advertising and Society	28-9-2020
5	Dr Cicily Paearly Alex	AI For Everyone	
6	Sonia John Markose	Autism Spectrum Disorder	23-8-2020
7	Dr Cicily Paearly Alex	Becoming a Sports Agent	27.8.2020
8	Sonia John Markose	Building Digital Media using Graphic Design in Google Slides	31-8-2020
9	Dr Cicily Paearly Alex	Cameras, Exposure, and Photography	13.8.2020

10	Sonia John Markose	Create a Business Marketing Brand Kit Using Canva	31.8.2020
11	Sonia John Markose	Use Canva to Create an Interactive Mind Map	9.6.2020
12	Sonia John Markose	Communication in the 21st Century Workplace	29-9-2020
13	Sonia John Markose	Communication theory: bridging academia and practice	24.9.2020
14	Dr. Baby Divya	Course on 'Plots Graphics in R, Coursera Project Network	1-7-2020 to 6-7-2020
15	Dr Cicily Paearly Alex	COVID-19 Training for Healthcare Workers	8.5.2020
16	Sonia John Markose	Create Training Videos with Powtoon	15-9-2020
17	Renjtha Reghunath	Creative Writing	01.06.2020 to 13.07.2020
18	Dr.Revathy.S	Dietetics and Nutrition	1-7-2020 to 6-7-2020
19	Dr. Seema K	Dietetics and Nutrition	25-08-2020 to 30-08-20

20	Dr Cicily Paearly Alex	Doping : Sports, Organizations and Sciences	25.8.2020
21	Dr Cicily Paearly Alex	Drug Discovery	27.8.2020
22	Dr Cicily Paearly Alex	Essentials in Clinical Simulations Across the Health Professions	23.8.2020
23	Sonia John Markose	Feminism and Social Justice	23-8-2020
24	Sonia John Markose	Gathering and Developing the News	15-9-2020
25	Sonia John Markose	Google Ads for Beginners	27-9-2020
26	Dr Cicily Paearly Alex	Healthcare Marketplace	20.8.2020
27	Sonia John Markose	Integrated Marketing Communications: Advertising, Public Relations, Digital Marketing and more	15-9-2020
28	Dr Cicily Paearly Alex	Introduction to Data Analytics for Business	27.7.2020
29	Dr Cicily Paearly Alex	Introduction to G suite	1.8.2020
30	Dr Cicily Paearly Alex	Introduction to Psychology	15.8.2020
31	Sonia John Markose	Introduction to Psychology	8.9.2020
32	Dr Cicily Paearly Alex	Introduction to Virtual Reality	8.11.2020

33	Leena Deenja N G	Learn to design your own solar system	25-08-2020 to 30-08-20
34	Ms. Dhanya Jose	Learn to design your own solar system	25-08-2020 to 30-08-20
35	Sonia John Markose	Learn to design your own solar system	31.07.2020
36	Dr. Sheena Xavier	Learn to design your own solar system	31.07.2020
37	Sonia John Markose	Managing ADHD, Autism, Learning Disabilities, and Concussion in School	24-9-2020
38	Dr Cicily Paearly Alex	Mind Control: Managing Your Mental Health During COVID-19	1.8.2020
39	Dr. Baby Divya	Mind Control: Managing Your Mental Health During COVID-20	31.07.2020
40	Sonia John Markose	Plagues, Witches, and War: The Worlds of Historical Fiction	26-9-2020
41	Dr Cicily Paearly Alex	Positive Psychiatry and Mental Health	13.8.2020

42	Dr Cicily Paearly Alex	Regulated Competition in Healthcare Systems: Theory & Practice	20.8.2020
43	Dr. Anu Anto	Road map for patent creation-NPTEL	1.1.2021-31.3.2021
44	Dr.Revathy.S	Seven Day Entrepreneurship Skill Development Online Course on Ornamental Fishes - Production, Trade	3-8-2020 to 9-8-2020
45	Sonia John Markose	Social Media Advertising	29-9-2020
46	Dr Cicily Paearly Alex	Sports and Society	8.8.2020
47	Sonia John Markose	The Art of Negotiation	6-9-2020
48	Dr Cicily Paearly Alex	The Science of Training Young Athletes	25.8.2020
49	Dr Cicily Paearly Alex	The Science of Well-Being	2.8.2020
50	Dr Cicily Paearly Alex	COVID-19: What You Need to Know	8.1.2020
51	Sonia John Markose	Use Canva to Create Social Media Marketing Designs	19-9-2020
52	Sonia John Markose	What is news?	12-9-2020

## RETIREMENTS

## **Faculty**

1. Ms. Beena Varghese, Associate Professor, Department of Chemistry

## **Staff**

1. Ms. Molly Isabel Joseph, Lab Assistant in the Department of Zoology

## **AWARDS AND RECOGNITIONS**

- ISO 9001:2015 Certification on July 27, 2020.
- NIRF ranking in the Rank Band of 151-200
- 5 star rating as part of the Institution's Innovation Council's annual national ranking for higher performing institutions in the field of innovation and entrepreneurship (The only Arts and Science College from Kerala to receive this honour)
- Secured positions within the first hundred for India Today Group's Best Colleges 2020 Survey in three different streams - Arts, Science and Commerce.
- Four Ideas were shortlisted from Departments of Chemistry and Zoology to represent the second level of the National Innovation Contest.
- Six faculty members were awarded Ph D:
  1. Dr. Joissy Mathew - Ph.D. in Physics.
  2. Dr. Jaya Kuruvilla - Ph.D. in Botany.
  3. Dr. Maria Paul - Ph.D. in Malayalam
  4. Dr. Archana Mohan - Ph.D. in Malayalam
  5. Dr.Sreelakshmi N - Ph.D. in Malayalam
  6. Dr. Kavitha Nair - Ph.D. in Faculty of Medicine



- 2 Ph.Ds produced from Post Graduate Department of Commerce and Research Centre, under the guideship of Dr.P. Vimala (Rtd):
  1. Dr.Swapna R - A study on the Work Life Balance of Women Employees in the IT sector of Kochi
  2. Dr. Navya A. H - Performance Analysis of Public Bus Transportation in Kerala
- Bagged First, Second & Third positions in the All Kerala Upcycle contest organised by Samrambhakmithra & Textile Value Chain.
  - First: Fathimathul Safrin, Fathima AS, Hamna Binith & Gladvina Joby from Department of Zoology with mentor Dr. Revathy.S
  - Second: Arya K A
  - Third: Anagha K Sudheesh from Department of Commerce with Ms. Shereena John as Mentor.
- Dr. Revathy S, Assistant Professor, Department of Zoology, won third prize for Essay and National Article Writing Competition 2020 organised by ENVIS, JNU, New Delhi and ENVIS RP, Amrita Viswa Vidyapeetham, Coimbatore on the topic Biological Invasion in your locality
- Dr. Anu Anto, Assistant Professor, Department of Zoology, won Best e-Poster under the theme Biodiversity and Climate Change presented at India International Science Festival 2020 Biodiversity Conclave organized by the Ministry of Science and Technology, India.
- “*Milon Franzinte Puthiya Kavithakal*” - Book Publication by Dr. Milon Franz , Associate Professor, Department of English

- “*Haunting Hues*”- Book Publication by Ms. Renjitha Reghunath, Assistant Professor, Department of English
- Excelsior Award (First) & Best Presentation, National Online Research Project Presentation for the UG project organised by Kerala Sastra Parishad & St. Joseph College, Alappuzha - Won by Akshara Madhu, III B.Sc. Zoology Model 1.
- 3rd position in National Level Online Exam on General Mathematics - Christina Jude, II B.Sc Mathematics
- Winner of All Kerala Elocution Contest conducted by ASAP Ernakulam - Mary Anju P. J of II B. Sc Mathematics.
- Innovation Ambassadors by Institution’s Innovation Council - Ten faculty members and four students won the title.

### **PERFORMANCE APPRAISAL OF THE STUDENTS**

Total strength of the student community : 1865.

Commendable achievements in the M.G University examination:

- MA English Examination
  - Ms. Donna John - 2<sup>nd</sup> rank
  - Mriya Josephine Varghese - 10<sup>th</sup> rank
- MSc. Microbiology Examination
  - Sandra Sukesan -7<sup>th</sup> rank
  - Sneha Scaria -8<sup>th</sup> rank
- BSc Zoology Model II Examination

- Meera Pradeep -1<sup>st</sup> rank
  - Namitha N -2<sup>nd</sup> rank
  - Indrajaja Rajan -3<sup>rd</sup> rank
- B. Sc Mathematics Examination
  - Aasisha M. P - 5<sup>th</sup> rank
  - Bithiyah Joy - 6<sup>th</sup> rank
- B A English Literature and Communication Studies, Model III Examination
  - Irene Sara Zacharia -1<sup>st</sup> rank
  - Anna Maria Thomas -2<sup>nd</sup> rank
  - Anzala M S -6<sup>th</sup> rank
- B Com Examination
  - Swarna S Kumar - 6<sup>th</sup> rank
- B. Com. Model 1 -Travel and Tourism Examination
  - Afaiza Aboobacker -1<sup>st</sup> rank
  - Rafna Kuzhikadavil Rahim -2<sup>nd</sup> rank
  - Riswana A S -3<sup>rd</sup> rank
  - The first 10 ranks of the examination are secured by the same department.
- B A Economics Examination
  - Sreelakshmi K R -9<sup>th</sup> rank

**RESULTS 2020-2021**

<b>Year</b>	<b>Programme code</b>	<b>Programme Specialization</b>	<b>Number of students appeared in the final year examination</b>	<b>Number of students passed in the final year examination</b>	<b>Pass percentage</b>
2020-21	BMM1RSXC0 1	BSc Mathematics Model I	48	40	83.33
2020-21	BPH1RSXC02	BSc Physics Model I	38	28	73.68
2020-21	BCH1RSXC0 3	BSc Chemistry Model I	29	26	89.66
2020-21	BZO1RSXC0 4	BSc Zoology Model I	35	31	88.57
2020-21	BZO2RSXC0 4	BSc Zoology Model II Medical Microbiology	27	26	96.30

2020-21	BBO1RSXC0 6	BSc Botany Model I	35	29	82.86
2020-21	BCO1RSXC0 7	BCom Model I Finance and Taxation	48	45	93.75
2020-21	BEC1RSXC08	BA Economics Model I	50	29	58.00
2020-21	BEN1RSXC0 9	BA English Language and Literature Model I	44	36	81.82
2020-21	BCE2SSXC10	BA English Literature and Communication Studies Model III (SF)	30	30	100.00
2020-21	BML1RSXC1 1	BA Malayalam Language and Literature Model I	49	35	71.43
2020-21	BCO1SSXC12	BCom Model I Finance and Taxation (SF)	49	43	87.76
2020-21	BCA1SSXC13	BCom Model I Computer Application (SF)	46	22	47.83
2020-21	BTT1SSXC14	BCom Model I Travel & Tourism (SF)	30	18	60.00
2020-21	MPHRSXC02	MSc Physics	14	7	50.00
2020-21	MMBRSXC05	MSc Microbiology (SF)	17	11	64.71
2020-21	MCORSXC07	MCom Finance	19	5	26.32
2020-21	MENRSXC09	MA English	18	5	27.78

2020-21	MMLRSXC11	MA Malayalam	13	11	84.62
2020-21	MCOSSXC12	MCom Management (SF)	16	1	6.25
<b>Total</b>			558	438	78.49

### NEW COURSES SANCTIONED

<b>COURSE</b>	<b>TITLE</b>
Integrated MSc (New Gen Course)	Integrated MSc Programme in Basic Sciences-Chemistry
B. Voc. (Affiliated to UGC-NSQF and MGU)	Accounting and Taxation
B. Voc (Affiliated to UGC-NSQF and MGU)	Culinary Arts and Hospitality Management
B. Voc (Affiliated to	Software Quality Assurance and Quality Control

UGC-NSQF and MGU)	
Certificate	Beauty & Wellness/Cosmetology & Beauty Culture
Diploma	Healthcare/Counseling Skills and Family Therapies
M.VOC. Degree	IT/ITes/Data Science
Diploma	Media and Entertainment/Dubbing & Audio Production
Diploma	Apparel/Fashion Technology
Certificate	IT/ITes/Graphic Designing
Certificate	Management and Entrepreneurship/Soft Skills and Professional Enhancement
M.VOC. Degree	IT/ITes/Mobile Phone Application Development
Certificate	Life Sciences/Microbiological Laboratory Skill Development
Certificate	IT/ITes/Robotics And Embedded Systems

Certificate	Agriculture/Ornamental Horticulture and Organic Farming
Certificate	Green Jobs/Rural Management
M.VOC. Degree	Banking & Financial Service/Accounting and Taxation

## SCHOLARSHIPS

### Government Scholarships and Freeships

Name of the Scheme	No. of Students Benefitted	Amount
Higher Education Scholarship	8	96000
Muslim Girl Child Scholarship	26	104000
Prof. Joseph Mundassery	1	10000
State Merit Scholarship	1	1250
Suvarna Jubilee Merit Scholarship	8	80000



Post Metric scholarship	108	432000
Central Sector Scholarship	21	210000
Aspire Scholarship	1	16000
Freeship to SC students	192	1129275
Freeship to STstudents	24	84555
Freeship to OBC students	263	941550
Freeship to General Category	57	211195
Freeship to OEC students	69	615820
<b>TOTAL</b>	<b>779</b>	<b>3931645</b>

#### Scholarships by the Institution and Non- Governmental Agencies

Name of the Scheme	No. of Students Benefitted	Amount
Endowment Prizes instituted by Teachers and Departments	84	60365
Prizes by PTA for Rank Holders	32	29500
<b>TOTAL</b>	<b>116</b>	<b>89865</b>

**INTERNAL QUALTY ASSURANCE CELL (IQAC)**

Regular Meetings were convened in the year to plan and execute quality measures ensuring incremental development of the institution.

Result analysis for the year 2019-20 was done and submitted to the governing body of the college and prepared Special Timetable to conduct online sessions during the Pandemic lock down

IQAC organized campaigns, several webinars and training programmes for Teachers, Non-teaching staff members and students which include:-

- Two campaigns titled “Lockdown Redesigns” and “Share the Care” for all stakeholders.
- National Webinar for students on ‘Navigating Community through Emergencies – Leadership and Volunteering’ by Dr. Jijo P Ulahannan, Assistant Professor, Govt. College, Kasargode.
- National Webinar for faculty on ‘Gamification Tools in Teaching’ by Dr. K Thiyagu, Assistant Professor, Central University of Kerala.
- International webinar for faculty on ‘Contactless Teaching and Learning Pedagogy’ by Dr. Kandappan Balasubramanian, Associate Professor, Taylor’s University, Malaysia.
- One week Faculty Development Programme ‘Dteach’ from 27<sup>th</sup> July to 2<sup>nd</sup> August 2020
- One week training programme for the Administrative staff members

- National Webinar for teachers on ‘Online Teaching – A New Approach’ on 31-7-2020. Honourable Vice Chancellor of Mahatma Gandhi University was the resource person. It was attended by around 249 teachers
- State Level Webinar on ‘National Education Policy and Higher Education in Kerala’ on 11-8-2020. Dr. Rajan Varughese, Member Secretary, Kerala State Higher Education Council was the resource person.
- A stress management program ‘Beat your Virtual/Real Stress’ for the teachers on 13-8-2020. Dr. Sr. Ruby (CTC) was the resource person for the program
- Webinar on ‘Research Ethics and Integrity’ in association with the Research Promotion Council and Department of Physics. Dr. Jasimudeen, Librarian, St. Stephen’s College, Uzhavoor was the resource person.
- Know Codex – A session for attuning non-teaching staff to Code of Conduct was conducted on 14-1-2021. Dr. P.V. Joseph, Associate Professor (Retd), Maharaja’s College was the resource person for the session.
- Webinar for final year degree students on the topic ‘Ace the Interview’ by Mr. Sanesh Varghese, Entrepreneur and Trainer on 17-12-2020.
- It also organized Academic Week from 11<sup>th</sup> to 15<sup>th</sup> January 2021. The theme for the year was ***Health and Habitat***. Various academic events conducted were: ORACLE-Interdisciplinary Talks on topic related to ***Health and Habitat*** by Eminent Personalities/Scientists, INTERACT-Interdepartmental Student Exchange Program, Interdepartmental Quiz Competition, 5 day Faculty development Programme titled EXPERTEASE.

- Feedback on Curriculum was taken from Students, teachers, Employers and Alumni. The Feedback was analysed and necessary actions were taken
- Students' Feedback about Teacher, Department and Institution was taken which helped to analyse and recognise the areas that need attention and improvement.
- Student Satisfaction Survey was conducted to analyse the range of satisfaction of the students in terms of academic and non-academic endeavours of the institution.
- Under the auspices of IQAC, Green Audit of the Institution was conducted in two levels. The Internal Audit was conducted by the department of Botany. The External Audit of the institution was done by Advanced Centre of Environmental Studies and Sustainable Development, Mahatma Gandhi University, Kottayam.

IQAC Student wing was formed and an orientation class was organized for them.

AQAR 2019-20 was prepared by IQAC

IQAC submitted data to the India Today Group's Best Colleges 2021 Survey in three different streams-Arts, Science and Commerce

Entrepreneur's week organized from 22<sup>nd</sup> -26<sup>th</sup> February was inaugurated by Smt. Sheela Kochouseph. This was followed by Workshop, Group Discussion and Expo N Fair.

Collection and analysis of feedback from all stakeholders on curriculum and quality-related institutional processes were done.

### **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.

<b>DAYS OBSERVED</b>	<b>EVENTS ORGANISED</b>
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"
VAYANADINAM	Observed reading week
INTERNATIONAL DAY AGAINST DRUG ABUSE	
KARGIL VIJAY DIWAS	

WORLD YOUTH SKILL DAY	Strengthening Youth skills for employment and entrepreneurship
HIROSHIMA- NAGASAKI DAY	Conducted a National quiz competition
INDEPENDENCE DAY/ PUNARJANI2K20	Organised competitions- stamp designing,poster designing,Essay writing competition,Make an inspirational quote, patriotic song, photography,video presentation, PowerPoint presentation and National Level quiz
International Peace Day	Organised competitions-Drawing, Poster making, Slogan making
INTERNATIONAL NON VIOLENCE DAY/ GANDHI JAYANTI	Ventured cleaning drive at Fort Cochin and own houses; organised webinar on the 'Role of Youth in obtaining Atmanirbhar Bharath in Energy'
GLOBAL HANDWASHING DAY	Ventured- "Our Future is at Our Hand – Let's move forward together
RASHTRIYA EKTA DIWAS	Commemorated Sardar Patel's ideals
NCC DAY	
CONSTITUTION DAY/ SAMVIDHAN DIWAS	Prepared an awareness video, conducted seminar on the Philosophy of Indian Constitution, took Constitution Day

	Pledge, read preamble and received online certificates through mygov.in
HUMAN RIGHTS DAY	Prepared awareness video; screened documentary film, “Story of Human Rights
CHILDREN’S DAY	Recharged mobile data of students from other institutions for study purposes
National Mathematics Day	Organised seminar
VIJAY DIWAS	Prepared posters and video
NATIONAL YOUTH DAY	Theme- “ Enlight,” organised Skit, Tableau, Pen a Poem, Book review, video of creativity, Thematic song, Thematic Dance, competition on paper presentation and Vlogging
ARMY DAY	Prepared videos and took flag day pledge
WOMEN’S DAY	Performed Street Play and Flash Mob; distributed Eco-friendly sanitary Napkins; honoured menial staff, conducted Women’s Day Rally
REPUBLIC DAY	Prepared e-magazine, “Covidum Shasthravum”

EARTH DAY	Awareness on global climate change and environmental literacy
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### **STUDENT SUPPORT SERVICES (Academic)**

#### **COLLEGE LIBRARY**

- Library completed all the essential works for RFID.
- A National Webinar “Trove for Tomorrow: Perspectives and Initiatives” was conducted on 25.07.2020.
- The online Library Week Celebration for the academic year 2020-21 was held from 12<sup>th</sup> – 16<sup>th</sup> October 2020.
  - Inauguration – Dr. Sunil P Elayidom
  - Book release – “Milon Franzinte Puthiya Kavithakal” written by Dr. Milon Franz, Associate Professor, Dept.of English
  - Resource Persons
    - Dr. N Renuka, Author & Asst. Professor NSS College Cherthala
    - Dr. Anu Pappachan, Asst. Professor, Vimala college Thrissur
    - Sreedev Namboodiri, Asst.Prof. Chinmaya College



- Dr. Surendran Cherukodan, Asst. Librarian CUSAT , Dr. Jyothimol P.  
Associate Professor, Baseliious College
- Dr. Aparna S. Asst. Professor NSS College Karamana
- As part of the celebration various inter-collegiate competitions were conducted.

## **MOODLE**

College makes use of Moodle as its Learning Platform.

- Asynchronous hours were engaged via Moodle platform during the lockdown period and both teachers and students used Moodle for the exchange of notes, study materials and assignments.
- Smooth conduct of online exams were possible via Moodle during the lockdown period.

## **COURSERA FOR CAMPUS**

Coursera is an education platform that partners with top universities and organizations worldwide, to offer MOOC courses online.

- Our College collaborated in the ‘Coursera For Campus’ program launched during the lockdown period globally by Coursera.
- Under the ‘Coursera Campus @ SXC: Each One Learn One Online Course’ initiative, about 500 courses were completed by both our teachers and students and 360 Learners have completed at least one course from Coursera.

- Ms. Rameeza Latheef, Student of Communicative English completed 123 courses , the highest number among students and Dr. Cicily Pearly Alex, Associate Professor of Department of Physical Education completed 45, the highest number among teachers.
- Departments of Communicative English and Zoology Model II gave the top performance by completing the maximum number of courses in ‘Coursera For Campus’ program.

### **RESEARCH PROMOTION COUNCIL**

- Research Promotion Council in association with the Department of Zoology and MANAV gave an online training to extract and collate information from published literature by Dr. Dhara Lakhkar, Domain Expert, Science Communication & Public Engagement MANAV at IISER, Pune on 15.08.2020.
- Research Promotion Council in association with the department of Commerce organized a webinar on Research Methodology in Social Sciences led by Prof. Dr. Gabriel Simon Thattil, Director, IQAC, Kerala University on 09.10.2020.
- A webinar on Research Ethics and Integrity was organized in association with the IQAC and Department of Physics on 10.11.2020. Dr. Jasimudeen, Librarian, St. Stephen’s College, Uzhavoor was the resource person.
- Research Promotion Council, IEDC and Institution’s Innovation Council conducted Webinar on Patent Procedures in India led by Shri: Bilal A. Nazeer, Research Officer, Inter University Centre for IPR studies, Cochin University of Science & Technology, on 02.03.2021.

- RPC, IEDC AND IIC also conducted on Introduction to Copyright by Dr. Vishnu Sankar P, Research Officer, Inter University Centre for IPR studies, Cochin University of Science & Technology, on 09.03.2021.
- The IIC, IEDC & RPC invited research report writing competition on Innovation from Faculty & students of the College.
- Vol (8) Issue (1) of Discourse - Xaverian Research Journal, based on COVID-19 pandemic was published.

### **STUDENT SUPPORT SERVICES (Non-Academic)**

#### **COLLEGE STUDENTS' COUNCIL**

Due to the COVID19 pandemic, college union elections were not conducted this academic year. Retaining the previous year's union members, different activities were organised to revive the cultural talents of students.

- Corontime Up/down fest was conducted online on 19th 21<sup>st</sup> May 2020. Five events were conducted including Sing O Corona, Dance to the Beat, Pen a Caption, Enact a Scene and Sketch a cartoon.
- Onam was celebrated online as Onapulari on 28<sup>th</sup> and 29<sup>th</sup> August 2021 with a number of competitions for students and teachers..

- Students Council took the initiative to conduct online Teachers' day celebrations on 5<sup>th</sup> September 2021.
- As part of National Postal Week(9 to 15<sup>th</sup> October), Students Council conducted Postal Week celebrations.
- On 25<sup>th</sup> November 2021, International Day for the Elimination of Violence against Women, Students Council conducted a competition 'Voice In Solidarity'
- Christmas was celebrated online in December - 'Xaverian Christmas Bash'- with competitions like chain carol, Christmas portrayal, etc and 2 events for faculty.
- On February 8<sup>th</sup>, Anu Jose of I MA English participated in Students Meet named 'YuvaKeralam NavaKeralam' Programme a talk with the Chief Minister conducted at MG University Campus, Kottayam.
- On March 8<sup>th</sup> Women's Day, Students Council conducted an online Women's Reel challenge on the Instagram page of our college and also conducted a short video competition for students.

## **NATIONAL SERVICE SCHEME**

- NSS conducted a survey to analyse the impact of covid pandemic situation on life of students.
- It launched a programme called "*kaikorkam karshika keralathinayi*".
- On 21st June 2020, NSS volunteers also took part in the online seminar programme "How yoga helps to fight against disease" and practiced yoga at home.

- On 11th July, one day awareness class on COVID 19 was organised in association with the health department, by Dr. Savitha, DY DMO Ernakulam.
- 32 NSS volunteers participated in free online certified training program series - “21st Century Skills” as part of World Youth Skill day(15<sup>th</sup> July 2020) organised by UNV India in collaboration with AFS India.
- On 8th August 2020, as an initiative to protect nature, a campaign “air your voice against EIA draft 2020” was announced.
- On 20<sup>th</sup> August 2020, NSS volunteers registered for Online Pre-Monsoon Training organised by Directorate of Samoohika Sannadhasena or Community Voluntary Corps, Government of Kerala.
- The NSS Unit organised a Five-day Capacity Building Workshop for students from 29 September to 3rd October 2020 for students.
- On Gandhi Jayanti, NSS volunteers participated in FIT INDIA PLOG RUN launched by Shri.Kiren Rijiju, Hon'ble Minister for Youth Affairs & Sports, Govt of India.
- On 3rd October 2020, NSS volunteers attended an online seminar on conservation of sacred groves and urban greenery organised by social forestry division Ernakulam, Kerala forest department as part of wild life week celebration.
- On 8<sup>th</sup> October 2020, NSS Volunteers and Programme Officers administered COVID Pledge at 1.00 PM as directed by the Ministry of Youth Affairs and Sports.
- On 17th October 2020, A one day awareness programme on environmental issues “Keralathile maarunna paristhithiyum manushyavakasha prashnagalum” by Dr. Martin G D, SRA -CSIR CUSAT.

- On the same day An awareness video presentation on National educational policy was done by NSS volunteers.
- In association with UBA, NSS volunteers Jismary Jose, Maria patric, Shruthy Sabu and Sneha Grace Antony took awareness classes on National educational policy for students and parents in adopted villages.
- On 21<sup>st</sup>-25<sup>th</sup> October 2020, NEP awareness week was observed On 26th October 2020, an online seminar on National Education policy by Limsheer Ali, Assistant professor, MES ponnani was organized.
- On 27th October 2020, NSS volunteers took an integrity pledge for citizens as part of observance of vigilance awareness week on theme vigilance India prosperous India (satark bharat samridh bharat) by ministry of youth affairs and sports, Government of India.
- On 11th November 2020, a talk on “Ignite the lights, enlight the ideas” by Dr.K.Sabukuttan, state programme officer was conducted as part of National education day.
- On 14th November, as part of children’s day NSS, sponsored 10 children from other institutions by recharging their mobile data for one month for study purposes.
- On 26th November 2020, volunteers took the Constitution day pledge through mygov.in.
- On 1st December, World AIDS day, volunteers prepared posters, placards and videos through google meet.
- On 7th December 2020, NSS volunteers took “I support Armed forces flag day pledge” initiated by the Ministry of Defence as part of Armed forces day.

- On 10th December, 5 NSS volunteers participated in Green Election campaign, Haritham a project initiated by Ernakulam collectorate as part of state panchayat election 2020.
- The NSS special camp “ Thanal 2020” with the theme “Youth for prevention and mitigation of covid 19” was conducted from 20<sup>th</sup> to 26 December 2020.
- On 23rd December 2020, Wall painting in Cyber police station in Infopark Kakkanad to beautify child friendly police station and distributed toys and books. Volunteers celebrated Christmas distributing cakes and eatables to people on the street.
- On 27th December 2020, on Farmers day- NSS volunteers cleaned the surrounding areas of their houses and planted trees as part of protest “plant a protest”.
- On 27th December, NSS participated in the Water 2 me campaign, of UN National Bodies by preparing videos about the condition of various water bodies in Kerala.
- On 30<sup>th</sup> November 2020, volunteers participated in National Youth Parliament 2021, Elocution Competition and A Athalia Benny emerged second at district level.
- On 30th December 2021, NSS volunteers participated in the National youth festival 2021 -YUVAAH.
- On 8th January 2021, NSS unit distributed hand made mask and sanitizers to workers of municipality as part of NSS online special camp 2020.
- As part of National youth day, NSS observed youth week “ Enlight" from 12th January to 19th January 2021 with various competitions.
- The Republic day was celebrated by preparing an e-magazine based on the theme “covidum shastravum”.

- Mini Camp of NSS “koottu 2021” for the year 2020-21 were conducted from 9/2/2021 to 11/2/2021.
- On 9th February 2021, NSS volunteers prepared mangrove saplings before they were planted along the coastal belt of Ernakulam city. Observing Covid protocol 25 NSS volunteers prepared (fixing mangrove saplings in Yellow Bamboo stalks) 2000 mangrove saplings at ArchBishop Attipetty public school ground, Vaduthala, Kochi.
- On 17th February 2021, NSS unit of St.Xavier’s College for Women, Aluva in association with IMA, JANAMYTHRI police station Aluva, Indian Red Cross Society and Kochi Ren Foundation, honoured various health workers, doctors, police and other persons involved in fighting Covid 19 during the initial break out.
- Rank holders and students who have shown expertise in various fields were also honoured in this event.
- On 17th February 2021, Anti Drug campaign was launched by NSS in association with Janamythri police.
- On 17th February NSS in association with Malayala Manorama balajanasakhyam took initiatives for child development in Aluva.
- On 23<sup>rd</sup> February 2021, NSS unit associated with “GOONJ” a Non profit organisation.
- An orientation session was organised for students and staff by Shalu , Goonj Volunteer on the one month campaign “Extend your hand to the needy”.
- The NSS volunteers collected used clothes and handed them over to Goonj to be distributed around various places in India.



- On 8<sup>th</sup> March 2021 the NSS volunteers in association with the Women Cell of the College celebrated International Women's Day. The NSS volunteers presented a street play and honoured janitorial staff of the college. A women's day rally as a tribute to all the persons who were actively involved in fighting against covid 19 pandemic.
- On 8<sup>th</sup> March 2021 a motivational talk on the topic "Be an inspiration to fly high" by Miss. Martina, a Pilot, was arranged for NSS volunteers as part of Women's Day Celebration.
- On 12<sup>th</sup> March 2021, NSS volunteers in association with Kerala action force laid foundation for house construction in Sreemoolanagaram panchayat for Ms.Bindhu Kumaran.
- On 13<sup>th</sup> March 2021, 115 NSS volunteers participated in Clean Kochi drive at division 44 Karanakodam, a green cochin mission initiative by Kerala Legal Service Society, Indian medical association, government agencies and national service scheme.
- On 15<sup>th</sup> March 2021, 50 NSS volunteers participated in a cleaning drive at Manapuram, Aluva as part of World forest week observation in association with the Social forestry division, Kerala forest department.
- In connection with General Election 2021, NSS volunteers performed street play and flash mob as part of systematic voter education and electoral participation (SVEEP) programme initiated by collectorate Ernakulam.
- The NSS also launched a program called "sprarsham" in which NSS volunteers took regular offline tuition for the school students in their nearby areas.
- The NSS volunteers also distributed paper bags in various shops in and around Aluva.

- The NSS also launched a program “Kulirekaam Kurilmayekaam” as part of sparrow day celebration to protect the birds in summer season.

## **NATIONAL CADET CORPS**

- On March 10 2020, flood relief materials were collected and given to the victims of the Puthumala landslide disaster.
- On April 13, a collage of posters with Break the Chain message was created by the NCC cadets of the college and posted on social media websites to support the Break the Chain campaign.
- On May 4 th, the Cadets visited the Covid warriors like hospital staff, police officers and showed their gratitude and honoured them.
- On June 5th, the cadets planted tree saplings in their house premises and surroundings as part of an environmental day celebration.
- On 21st June, International Yoga day was celebrated by NCC cadets and their family members by doing Yoga in their home spreading the importance and uses of Yoga.
- On Independence day the national flag was hoisted in the college in the presence of ANO and NCC cadets.
- On the same day, an online intercollegiate competition called Punarjani was conducted by the cadets to reuse waste materials to create an Independence day theme.
- On 26 th August, posters related to Kargil Vijay Diwas were made by cadets commemorating the Jawans who got martyred in Kargil war.
- Fit India campaign was conducted online from August 15 th to September 14 th. Daily and weekly reports of exercise by cadets and family members were collected.

- Gandhi Jayanti was observed by cadets by cleaning their premises.
- As part of Global Handwashing day, on 15th Oct, cadets shared the photos and videos of the 7 steps of handwashing on social media websites to spread the awareness of proper handwashing.
- National Educational Policy awareness online classes were taken by the NCC cadets.
- National unity day pledge was taken online by the cadets on 31st October and video regarding national unity day was posted on social media websites. National unity day quiz competition was also conducted online.
- Vigilance awareness week was observed from 27th October to 2nd November. Cadets prepared posters and videos against corruption.
- On 23rd November, NCC day celebrations were conducted. A webinar on importance of blood donation was taken by Dr. N. Vijayakumar, Medical officer in charge, Regional blood transfusion center, District hospital, Aluva.
- On November 26th, a video for the Awareness for economically weaker section of the society was posted on the social media websites in relation to the Indian Constitution day by the NCC cadets. A video about the Constitution day and a poem by an NCC cadet was posted on social media.
- On 4th December, videos and posters in relation to the Navy day celebrations were created by the cadets.
- On 11th December, an essay writing competition on the topic Swachhta Pakhwada was conducted amongst the NCC cadets.
- On 16 th December, Vijay Diwas was observed by the cadets commemorating the Great

soldiers of the Indian Defence Force. Posters and videos were created by the cadets.

- On Republic day the national flag was hoisted on campus in the presence of NCC cadets and ANO.
- NCC cadets registered for the Gallantry award portal of the Central Government and participated in various activities on the website.

## **PARENT TEACHER ASSOCIATION**

The Parent Teachers Association is a strong pillar of support to all the academic and non-academic activities of the college. The PTA executive committee for the academic year 2020-21 was formed from the general body meeting held on 06/02/2020, which consisted of the principal, 5 parents and 8 teachers. 3 executive committee meetings were held during the course of this academic year, in which many important issues were addressed.

Following are the main activities done by the PTA during this year:

- 9 Computers were purchased as part of upgrading the computer center of the college.
- 3 sanitizer dispensers were installed in the college.
- Orientation classes were held online, in 7 batches, for all the 1<sup>st</sup> year degree students and their parents.
- Awarded cash prizes to the rank holders of various P.G and U.G University Examinations.
- Due to the current pandemic, the annual general body meeting was conducted via Google meet with YouTube livestreaming on 20/03/2021.

## **COLLEGE MAGAZINE & NEWS LETTER**

- “Phoenix 2019-20”, the college magazine was released by Dr. Muse Mary George, Writer and Associate Professor, U C College, Aluva.
  - Staff Editor - Dr. Sheeba V Rajan
  - Student Editor -Ms. Niya Varghese.
- The college newsletter, “Xaverian Imprints” was released by the Principal on 20th December, 2019.
  - Editors - Ms. Binu Correya, Dept. of Zoology  
Ms. Sonia John Markose, Dept. of Communicative English

## **UNNATH BHARAT ABHIYAN (UBA)**

During the pandemic lockdown the UBA unit of the college extended its supporting hands to the adopted villages.

- Hand Sanitizers and Masks were handed to the Panchayath offices of Kalady, Chendamangalam, Malayattoor and Kadungalloor.
- Videos on protection against Corona, Mask usage, importance of nutritious food, making of masks at home etc were prepared and circulated among the villagers.
- Participation in Break the Chain campaign.
- Support rendered to the farmers of the adopted villages through a WhatsApp group to give them instructions to be followed during pandemic, information on weather conditions, price of seeds, availability of essential commodities etc.

- Organised a webinar on SOCIAL RESPONSIBILITY OF INSTITUTIONS OF HIGHER EDUCATION
  - Resource Person- Dr. Jiju P Alex, UBA Coordinator, Kerala Agricultural University.
- An NEP online awareness program for students and the public, titled STRIDE was organized. The program was launched on 11<sup>th</sup> October 2020, presided by the Principal Rev. Dr. Sr. Geege Joanamma Xavier and inaugurated by Col. Joseph Antony, Commanding Officer, 7(K) Girls BN NCC, Thrissur.
- A pilot survey was conducted in villages to identify the new issues in villages due to covid pandemic.

#### **ADDITIONAL SKILL ACQUISITION PROGRAMME (ASAP)**

Course Offered - Foundation course in Communicative English and IT

No. of Participants - 35 students from various departments

#### **INSTITUTION'S INNOVATION COUNCIL (IIC) & INNOVATION AND ENTREPRENEURSHIP CELL (IEDC)**

The Institution's Innovation Council (IIC) works as per the norms of Innovation Cell, Ministry of Education, Govt of India. It is a unique model based on Hub-Spoke and coherence approach to align with the innovation and entrepreneurship promotion and support programs.

Innovation and Entrepreneurship Development Cell, IEDC under Kerala Startup Mission helps in creating a vibrant Startup ecosystem to foster the growth of innovation lead technology and

entrepreneurship. Various activities were organised in the year 2020-21, which won a 5 star recognition for the college.

- In the MoE's Innovation cell's training series to build mentorship Capacity, Dr. Sheena Xavier, Dr. Anu Anto, Mrs. Shereena John, Mrs. Sonia John Markose, Dr Stella KA, Dr. Ansa Alphonsa Antony, Dr. Revathy.S, Dr Jaya Kuruvilla, Dr Sheeba V Rajan & Ms. Poorinma B Shenoy and four of our students Anol Mary Roy, Joan Lilly, Aiswarya V Menon and Megha were recognised as **Innovation Ambassadors**.
- In October 2020, as Part of KAPILA **Intellectual Property Literacy Week**, Awareness session, Video release and Article writing regarding Innovation & Intellectual Property, entrepreneurial culture in the campus and a song to promote Innovation together with Music club was conducted in the campus.
- An Awareness session on **National Innovation and Start-up Policy** (NISP) for Students and Faculty of St Xavier's College for Women, Aluva on 11.01.2021 was conducted.
- The idea Eco-Innovation under the theme Waste Management & Alternative materials submitted by Zoology Department was shortlisted for the Level 1 evaluation for the Green Innovation Fund by Kerala Startup Mission.
- An orientation on IEDC & IIC was conducted by Ms Shereena John & Dr.Revathy.S on 04-12-2020. The workshop on design thinking, critical thinking and innovative design hosted by the IIC and IEDC of St. Xavier's College for women, on 29th December 2020 was led by Ms. Shereena John.
- Dr. Anu Anto led the session on Identifying Intellectual Property component at the early stage of innovation on 29th December 2020.

- A workshop on Entrepreneurship Development process led by Ms. Shereena John, was held on 3rd January 21.
- The students and faculty members participated in the Toycathon jingles contest, Toycathon National contest and submitted entries for developing unique toys.
- The faculty and students attended India's First Leadership Talk series and 16 Webinar sessions organised by the MHRD's Institutions Innovation Council and Innovation Cell.

### **OSAX (Old Students' Association of St. Xavier's)**

- The executive committee of the Old Students' Association of Xavier's met two times during the academic year and implemented various activities.
- The association organized Rev. Dr. Sr. Redempta Memorial State level essay writing competition on the topic "India after Corona."
- A lecture series ENSEMBLE was organized under the auspices of OSAX and alumni were invited as resource persons. Each department conducted one online invited lecture.
- The contribution of the alumni association to help financially backward students, in the context of covid 19 pandemic is extremely commendable. In the purview of *snehasparsham* project, an amount of Rs. 14000/- was collected and distributed to the needy students for recharging mobile data. Under the same banner an amount of Rs. 60000/- was given to Smt. Smitha Joseph, a former student of Malayalam Department whose family members were suffering from various kinds of diseases.
- Under the auspices of OSAX, all departments conducted Online alumni meetings.
- General body meeting of the year 2020-2021 was conducted online on 13<sup>th</sup> February 2021. Former students were congratulated for their achievements.



## **STAFF ASSOCIATION**

- Due to the pandemic all the major staff meetings were conducted online and a few offline, maintaining covid protocol.
- Onam and Christmas were celebrated strictly maintaining covid protocol.
- Online competitions were organised for faculty on the Onam weekend.
- A virtual Meeting was organised to honour the retired teachers of the college as part of Teacher's Day celebration on September 5th, 2020.
- Virtual Condolence meetings were arranged on the demise of late Prof. Cicily Gray of the Department of English and for Late Prof. Rita Mary of the Department of Mathematics.
- Staff Association Scholarships were distributed for 2 most deserving students
- Financial support was provided to a member of the non-teaching staff, Ciya for her son's medical aid.
- A sent off meeting was held to honour Dr. Aparna Lakshman.
- Organised a grand farewell meeting to Ms. Beena Varghese, retiring staff of the department of Chemistry. The association also shared a token of gratitude to the retiring non-teaching staff member, Mrs. Molly.

## **RELAX AND RENTAX**

- RELAX awarded cash prizes to the rank holders in all disciplines on 06 March 2020. The online general body meeting was held on 08 February 2020.
- RENTAX members participated in the Golden Jubilee celebrations of Sr. Charles Sr. Simon & Sr. Difina. They also conducted an online general body meeting.

## **HEALTH CLINIC**

Health Clinic Services were availed by 20 students and teachers.

Consultant Doctor: Dr Sr Jaya Joseph

## **COLLEGE HOSTEL**

The college offers a well- maintained hostel facility to staff and students. 130 students avail hostel facility. However due to the pandemic restrictions last year the number of students at hostel kept changing according to the special timetable, especially during lockdown.

## **CELLS OF THE COLLEGE**

### **WOMEN CELL**

- Women cell members prepared e-posters to create awareness among students about the Environment Impact Assessment (EIA) 2020.
- The cell conducted an online Independence day quiz and circulated in groups.
- In connection with World Mental Health Day 2020, the Cell organized a survey on 12th October 2020 to understand the Mental Health Issues and patterns among the students and faculty.
- The cell organized a Christmas programme ‘A very covid X-mas’ including various online competitions for Xaverians. In connection with World Heart Day, a tele- quiz competition ‘STRAIGHT TO HEART ‘ was conducted on 30th September 2020 for Xaverians.
- In connection with International day for older people and world post day women cell conducted a letter writing competition ‘Hi dears you have a letter.’

- The Cell organized a three day workshop on Brain Gym - an interactive session to take a break from tiring online routine - The session was lead by Mrs Deepa Jiby Manjooran, Psychological Counsellor, DIRECTOR OF VECTOR MIND Centre for counselling and learning disability ORC TRAINER(OUR RESPONSIBILITY TO CHILDREN, KERALA GOVT PROJECT) It was conducted on 1st, 2nd and 3rd February 2020 for 1st year Undergraduate students.
- In connection with International Peace Day, poster making, slogan making and drawing competitions were held on 21st September 2020.
- Women cell had organised online competitions in connection with Gandhi jayanthi on 2nd October 2020.
- Women cell and Gender equality cell of our college jointly organised a webinar on the topic “Abuse is never the victim’s fault” in association with the Department of Women and Child development on 3rd Dec 2020.
- The Cell inaugurated one week programs in connection with Women’s day celebration on 8th March 2020.
- Women Cell members organised a flash mob and distributed biodegradable sanitary pads to the students.
- Women Cell organised an awareness campaign on “Happy periods”- at Aluva railway station for spreading awareness about hygiene and environmental friendly menstrual practices like the use of menstrual cups and biodegradable sanitary pads.They distributed pamphlets to spread the awareness among public.

- The cell also organised a Class on “Menstrual Hygiene -Need to break silence and build awareness” by Dr R Santha Kumari,Assistant Director(rtd),Kerala health Services on 9/3/2020.
- The cell organised an online film review competition based on the short film “Freedom at midnight.” It also organised a seminar on “Rights of Women and Children” by Adv Anupama Johny on 16th march 2020.
- Women cell released an e magazine “Kannukal kondu punjirikunavar - A lockdown Diary” by compiling the creative lockdown activities of our students.

#### **GENDER SENSITISATION CELL**

- The Cell conducted a webinar “Gender issues and Women Rights”, on 15th August 2020 at 11.a.m through google meet. Ms. Beena Sebastian, the Gender specialist and chairperson of Cultural Academy of Peace and Ms. Deepa M S, the women protection Officer of Ernakulam District were the resource persons.
- The cell organised another webinar on the topic ‘Abuse is Never the Victims Fault’ on 3rd December 2020.

#### **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.

### **GRIEVANCES AND REDRESSEL CELL**

- Digital feedback is taken from all the students
- Suggestion boxes are installed in common areas of all the departments and near the college office in which the students can drop their suggestions and complaints with or without revealing their identity.
- In the College website a new online Grievance Redressal area was created for registering complaints/ suggestions of Students / Staff / Parents. Complaints can also be filed online at [grievances@stxaviersaluva.ac.in](mailto:grievances@stxaviersaluva.ac.in)
- The cell organized a student's interactive program with the Principal 'Open Your Hearts'-a platform for the students to speak up directly to the Principal on their complaints and suggestions.
  - Process: This year due to the pandemic, all the students attending classes in the offline mode were included in the meeting and were able to voice their issues, rather than the regular method of only a couple of representatives from each class participating in the program. To accommodate students of various departments maintaining social

distance, 7 separate sessions were held with the Principal Rev. Dr. Sr. Geege Joanamma Xavier presiding over the program and accompanied by the teacher coordinators Smt. Leena Deenja N.G., Smt. Lincy Joseph & Smt. Bindu Varghese. At the commencement of each session, the Principal explained the aim and relevance of the program. All the requests and suggestions from students were noted and prompt actions were taken according to the feasibility of the request.

### **COUNSELLING CELL**

- Taking in view of the impact of the nationwide lockdown on the entire student community, group counselling sessions were arranged for each department separately on convenient dates through online virtual platform.
  - Consultant Counsellor: Dr.Sr. Ruby, Prasanthi Counseling Centre, Edapally
  - Process: The issues faced by students were identified by asking them to fill a Covid Impact Assessment Form before the session. The filled in forms were shared with the counsellor who would then take the subsequent session based on their needs. Feedback forms of students were collected and assessed.

### **CAREER GUIDANCE AND PLACEMENT CELL**

- The Career Guidance and Placement Cell conducted a Webinar on Job Opportunities in Banking on 11.5.2020 led by Mr Shankar Sundaresan, Director, BankEdge Chennai.

- The Cell conducted an International webinar – Language Universals and Communication Typology-An introduction to Essential English Language Tools in the Digital Age (Anglo Scopes Series Session I) on 21.5.2020.
- The Cell, in association with IQAC, organised a Webinar based on Higher Education & Job Opportunities and Interview Techniques on 17/12/2020 for all final year UG and PG students.
- An online placement drive by Chegg India was conducted on 6/08/2020 in which 2 students were selected as Subject Matter Experts.
- An online campus drive by Sutherland Global was conducted on 18.1.2021 in which 2 students were selected as Associate in voice category. Our students were selected for 26 internships, through Internshala online portal.

### **SPIRITUAL FORMATION & JESUS YOUTH**

- Jesus youth volunteers conducted online Fellowship gatherings on all Sundays from 19/07/2020.
- Members attended online Holy Mass on the 3rd Saturday of every month.
- Rosary week was celebrated in the last week of October. Daily rosaries in the WhatsApp group started from the month of October 2020.
- Members attended various praise & worship sessions, You-prolife program(20th-22nd November) and Core team training (October 2nd week).
- Members participated in the Bible Quiz competition conducted in the month of October.

- Daily Holy Mass challenge & intercession gatherings were organized during intersession week (November 8- 14).
- Arranged Freshers day - Talitha Koum on 15/11/2020.
- An online quiz about St.Francis Xavier was conducted on 07/12/20.
- Members celebrated Christmas on 26/12/20.
- Conducted sessions on 6 pillars starting from 02/01/21. Vimalahrudhaya prathista prayer started on 20/02/21.
- Core team for the academic year 2021-22 was anointed on 01/03/21.

## **DEPARTMENTAL ACTIVITIES**

### **P G Department of English and Research Centre**

- An International Webinar on ‘Mental Illness in Indian Cinema: Stigma and Stereotypes’ by
  - Resource Person: Dr. Badr Ratnakaran (Chief resident in Psychiatry, Carillion School of Medicine, USA)
- SPECTRA 2020 – A National level webinar series in Literature was organised from July 13th to July 16th.
  - Resource Persons: 1. Dr. Samuel Rufus (Asst. Prof ) Madras Christian College, Chennai
  - 2. Dr. J.A.H Khatri (Asst Prof) Navrachana University, Vadidara
  - 3. Dr. R Janatha Kumari (Asst Prof) Sree Ayappa College, Nagercoil
  - 4. Dr. Manoj Kumar (Asst Prof) Central University, Haryana.



- ECLECTICS 2020- An International Webinar Series in Literature was organized from 18 to 21 August 2020
  - Resource Persons: 1. Esra Mirze Santesso (Assoc Prof) University of Georgia, USA
    - 2. Gabriel Edzordzi Agbozo (Michigan Technological University, Houghton, USA)
    - 3. Nikitta Dede Adj Irakor (Junior fellow Bayreuth International Graduate School of African Studies University, Germany)
    - 4. Nancy Henaku (Houghton, USA).
- A four day e-workshop on “Research Methodology and Academic Writing” was organised in collaboration with Kerala State Higher Education Council, Trivandrum from 21<sup>st</sup> -24<sup>th</sup> July 2020.
  - Resource Persons: 1. Dr. Priya K Nair (Research Officer, KSHEC)
    - 2. Dr. Binu Zachariah (Pondicherry Univ)
    - 3. Dr. Vimal Kumar V. (MGU); Dr. Avishek Parui (IIT, Chennai)
- Webinar on ‘Hygiene and Immunity during Lockdown: Challenges and Opportunities’
  - Resource Person: Dr. Vineetha Manoj, EMC Hospital
- Prof. Rebecca Grace Memorial Webinar was organised on 7<sup>th</sup> October 2020
  - Resource Person: Solomon Rees Nelson, Trocaire College, Buffalo, NY
  - Topic: “The Human Experiment and the Cyberpunk Fiction”
- A Webinar on ‘Online Tools and Platforms for Academic Writing and Publishing in English Literature and Allied Areas’
  - Resource Person: Dr. Surendran Cherukodan (Asst. Librarian, CUSAT)

- ‘Ensemble’-Alumnae talks on 12<sup>th</sup> September 2020.
  - Speaker: Ms. Dhanya K.N, (Alumna) ad
  - Topic: ‘Dare to be Different’
- “Green Periods”, a webinar on Menstrual Health & Hygiene was organized on Oct 3 2020.
- EBSB club of our college and St.Bede’s College, Shimla along with the PG Department of English & Research Centre and the Department of Communicative English of St.Xaviers College for Women, organised a ‘Literary meet’ on October 6<sup>th</sup> 2020.
- Academic Week
  - ‘ORACLE’ Resource Person: Dr. Siju Joseph, Nodal officer for COVID 19 Infection Control Quality Head, P S Mission Hospital  
Topic: ‘Covid 19 - Transcending the New Normal’
  - ‘INTERACT’ Speaker: Miss Anna Joy of III B A English  
Target Group: Students of Chemistry department  
Topic: “Healthy Lifestyle = Happy Environment”
- Honoured Ms. Donna John and Ms. Maria Josephine Varghese, rank holders of the M.G University M.A English Examinations 2020.
- Organised Online Alumni Meet ‘FESTA’ on February 27 2021.

### **P.G. Department of Malayalam**

- As part of the Vayanadinam, organised a Webinar on 19<sup>th</sup> of June 2020.
  - Resource Person: Dr. K P Jayakumar, Assistant Professor, NSS College, Cherthala

- Topic: *Pusthakangalude Samskarika Parinamam*
- “Ezhuthocha”- A Discussion forum – the first and second Editions were conducted in July and October respectively.
- Organized a Webinar on the Topic ‘Research Methodology’ on 8<sup>th</sup> August 2021
  - Resource Person: Dr. Aju K. Narayanan, Assistant professor, School of Letters, M.G. University, Kottayam,
- Bhashavaracharanam- November 2-6, 2020
  - Online programmes
  - Speakers: Sri. Joseph Scaria, Associate Professor, SB College, Changanassery  
Smt. Juliet Cleetus, Department alumnus and the Teacher of Govt. Higher Secondary School, Cheranalloor
- Academic week
  - ORACLE- a lecture on Environmental protection on 12<sup>th</sup> January 2021
  - Resource Person- Dr. Martin Gopurathinkal, Senior Research Assistant, CUSAT
  - INTERACT  
Speaker: Sindu K . P, student of 3<sup>rd</sup> BA Malayalam  
Target Group: B.Com Students
- Book Release: ‘Athmageethangal’ written by former Faculty member Dr. C. Santhakumari
  - Released by translator Sri. Venu V Desom
- The third online Edition of Ezhuthocha.

- Speaker: Smt. R Rajashree, renowned writer on “New trends in Literature”
- Released the E- Manuscript magazine of the Department named *Palavicharangal*.
- Prof. Mary Juliet endowment award for the Best P G dissertation in Malayalam for the Year 2019-2020 (state level competition)
  - Receipients: 1. Ms. Anjana Vijayan , Department of Malayalam, Sree Sankaracharya University Kalady.
  - 2. Sr. Anu E F, of II M. A. Malayalam won UGC NET.

### **Department of Hindi**

- A National webinar was conducted on 5<sup>th</sup> July 2020 on the topic ‘*Samakaleen kavita: Rajneetik yatharth*’
  - Resource Person: Dr. Ashish Tripathi, Professor, Department of Hindi, Banaras Hindu University
- Premchand Jayanthi was celebrated on 31<sup>st</sup> July 2020 by organizing an online quiz competition
- Hindi Day was celebrated on 14<sup>th</sup> September 2020 by conducting a Google Form Quiz.

### **Department of Economics and Political Science**

- The Planning Forum conducted an Online Cartoon Competition on “India’s Economic Package during COVID-19 Lockdown” in June 2020.
- Organised a webinar to enable students to cope with stress due to the covid pandemic and the pressure of online classes on 15.9.2020
  - Resource Person: Dr. Sr. Ruby, Counsellor, Prasanthi Counselling Centre.
- Organised webinar as part of the alumni lecture series on 28<sup>th</sup> September 2020.

- Resource Person: Adv. Sumayya Shereen, Alumnus of the college
- Topic: ‘The constitutional provisions for Women protection and empowerment in India’
- Conducted a Webinar “Is Ecological Survival Possible? EIA 2020: Issues and Challenges” on 20th August 2020
  - Resource Person: Dr. Martin Gopurathingal, Senior Research Associate (CSIR), CUSAT.
- Human Rights Forum conducted an online session on 2<sup>nd</sup> October 2020 titled “Glimpses of Gandhiji’s Life”.
- Academia 2020-21
  - Oracle-Expert Lecture by Ms. Priyanka PS, Assistant Professor, Department of Food Processing Technology, St. Teresa's College (Autonomous)  
Topic: "Take charge of your wellbeing: A dietary guideline for young adults" on 15th January 2021.
  - ‘Interact’ Speaker: Ms. Sneha KS of III BA Economics  
Topic: “The hunger report”  
Target Group: I and II year Degree students of the Communicative English Department.
- Human Rights Forum organised a Human Right Awareness session led by Ms. Minimole K, faculty of Political Science, for I DC Students on 18th February 2021
- Screened a documentary film “Story of Human Rights”

- The Electoral Literacy club conducted a survey on ‘Non registered Neo Electorates’ in the month of February
- Released the online magazine “Phoenix”.
- The Planning Forum in collaboration with the Department of Economics of St.Paul's College, Kalamassery conducted an Online Survey on “Consumption of Time by the students in SXC & SPC during COVID-19 Lockdown”.
- An Environment Audit survey was conducted
- In association with IEDC, organised a session on “Competence to become an Entrepreneur” on 20<sup>th</sup> March 2021.
  - Resource Person: Sri Shyju Puthiyaveetil, MD, Aeroglint Training Solutions

### **Department of Botany**

- Webinar on Indoor Gardening on 20.5.2020 for students and the public
  - Resource Person: Mr. Jacob Varghese, Associate professor (Retd), Bharath Matha College, Thrikkakara.
- A Webinar on career guidance was organized for III year Botany students on 18.8.2020
  - Resource Person: Dr. Divya V Nair, Assistant Professor, Central University, Himachal Pradesh
- On 19.9.2020, a Webinar on human rights
  - Resource Person: Mr Nithin Jose, faculty, Kerala IAS academy
- Webinar on Self Defence for Girls was jointly organized with the Department of physical education on 18.9.2020.
  - Resource Person: Mr Eldho P Aby

- “ORACLE” - organized a Webinar on Mental Health and Well Being led
  - Resource Person: Dr. Mangal Hari, Chief Physician, Ayucare Family Wellness clinic, Kottayam
- Organized a Webinar on campus innovator talk, jointly with IEDC and IIC on 8.3.2021, for sharing the experiences of the entrepreneurs on our campus
- A talk by alumni member, Dr. Nandaja V, B.A.M.S., Velinjil Oushadhasala, Cheranalloor on the topic “Dashapushpam in common remedies” was conducted on September 12, 2020.
- A virtual alumni meet was arranged on 16.1.2021 through google meet
- A two week certificate course on “Bioinformatics” was jointly organized with the department of Zoology for third years B.Sc. students

### **Department of Zoology**

- Organized a training and awareness session on First Aid for faculty members of the college on 04.07.2020.
  - Resource Person: Dr Aswathykutty Madhu, Sheffield Hospital, UK
- Departments of Zoology and Botany jointly organized a talk on “Is Life Science a Good Career Choice?” for final year students on 18.08.2020.
  - Resource Person: Dr. Divya V. Nair, Assistant Professor, School of Life Sciences, Central University of Himachal Pradesh
- A talk on the topic “Nutrition and Health” was organised on 11.09.2020.
  - Resource Person: Ms. Prijantha Amina, Nutrition Advisor, ABBOTT Nutrition
- ‘Academia 2021-21

- ORACLE' a talk 'Emerging and Re-emerging Infectious Diseases – Role of Ecology and Technology' on 14.01.2021
- Resource Person: Dr. Mohammed Hatha, Professor, Department of Marine Biology, Microbiology and Biochemistry, School of Marine Sciences, CUSAT, Ernakulam.
- A Webinar 'Patent Procedures in India' was organized in association with Research Promotion Council, IEDC and Institution's Innovation Council on 02.03.2021
  - Resource Person: Shri: Bilal A. Nazeer, Research Officer, Inter University Centre for IPR studies, Cochin University of Science & Technology,.
- 'EcoTaxon ' an e-Workshop, was conducted as a collaborative initiative with Nirmala College Muvattupuzha. During this academic year, five online sessions were conducted as part of this program funded under DBT STAR Scheme
- Dr. Vineetha Gopinath, CMFRI, Kochi gave an extensive lecture on 'Plankton- A birds' eye View' on the sampling techniques, analysis and identification of Marine Planktons via online mode on 21.01.2021. This program was funded by DBT STAR Scheme.
- The department conducted an 'Inter School & College Videography, baking and quiz competition' as part of Wildlife week 2020 on the Theme- Wild in the Backyard in the first week of October, 2020.
- An online Alumni meet of the department 'Reconnect 2021' was conducted on 02.01.2021.
- As part of Academia 2021 Sandra Sebastian – III BSc Zoology Model I delivered a lecture on 'Environmental Effects of COVID-19 and Potential Strategies for its



Sustainability’ and Varna Sreekumar – III BSc Zoology Model II on ‘Nurture our Nature’ on theme ‘Health@habitat’. Sandra Sebastian was judged as the best presenter for the power point competition.

- The department conducted a two-day Induction Program for first year B.Sc. Zoology Model 1 and 2 on 12<sup>th</sup> and 13<sup>th</sup> November 2020.
- Campus Bird Count was conducted on the college campus as part of Greater Backyard Bird Count from Feb 12-15, 2021 and the data was uploaded to e-bird a citizen-based bird observation network in the biological sciences.
- A 20-hour bridge course was provided for first year B.Sc. Zoology Model 1 and 2 students on basic Instrumentation and Field Techniques in Zoology, Laboratory safety rules, dissections and scientific drawings and Citizen Science Programme.
- A one-week course in Bioinformatics was organized by the Departments of Botany & Zoology for final year students under DBT STAR Scheme.
- A 15-day online internship program in theoretical and practical aspects of molecular biology was conducted for students of Zoology and Botany in association with the MakeIntern team from 19.02.2021 to 05.03.2021. 39 students participated in the internship program funded by DBT STAR Scheme.
- Two-day virtual workshop on automated techniques in microbiology was conducted in association with Pushpagiri Institute of Medical Sciences, Thiruvalla on 21<sup>st</sup> and 22<sup>nd</sup> October 2020 funded under DBT STAR Scheme.
- The outreach programme of the department includes Arogya Jalakam - 3 online sessions for the public to create awareness on Water and food borne diseases and reemerging

diseases and its prevention. Department newsletter *Nisarga* titled The new Isolation, based on the COVID 19 Pandemic was released.

The department members also have several achievements to their credit.

- Karan S., III B.Sc. Zoology Model 2 received Kerala Biodiversity Board appreciation for her contribution towards Photo inventory campaign of homestead Biodiversity
- Fathimathul Saffrin, Hamna Binith, Galdvina Joby, Fathima AS. and Dr. Revathy.S (Mentor) won first prize for the UPCYCLE: Design Challenge Contest organized by Sambarak Mitra and Textile Value Chain.
- K.R. Meera Kum Kum and Megha Maria Lal won first and third prize respectively in the Jumble in the Jungle competition conducted by Zoological Society of Kerala.
- Megha Maria Lal I B.Sc. Zoology Model 2 won first prize in the 3-minute presentation on the topic GIFT Tilapia organized by Association on fisheries graduates as part of Fisheries week celebration 2020
- Green Innovation Fund: The idea **Eco-Innovation** under the theme Waste Management & Alternative materials submitted by Zoology Department was shortlisted for the Level 1 evaluation for the **Green Innovation Fund** by Kerala Startup Mission.
- Dr. Revathy. S, won Indo Asian- Aristotle Distinguished Women Zoologist Award, RED Talks Daily International on the Eve of World Science Day 2020
- **Dr. Revathy.S** won First prize & cash award for the Egg challenge: Egg Eased Demonstration Contest and third prize for research paper competition organized by Kerala Veterinary and Animal Sciences University, Mannuthy on World Egg Day Celebrations,2020.

## Department of Chemistry

- **Chemistry Association** was inaugurated by Sujitha K N, Scientific Officer-C, U.R RAO Satellite Centre, Bangalore on 12<sup>th</sup> September 2020 followed by a talk on “Career Opportunities of a Chemistry graduate in ISRO.”
- The Department organized 2 International webinars-
  - “Recent developments in water analysis-emerging contaminants” led by Dr. Linson Lonappan, Post-doctoral fellow in Environmental Engineering, University of Sherbrooke, Canada on 27<sup>th</sup> July 2020
  - “How fingerprinting came about and some recent cases” by Dr Rodreick Wayland Bates Nanyang Technological University Singapore on 8<sup>th</sup> October 2020
- The Department organized 3 national webinars:-
  - “Need and Progress Towards Fast Photography: A Glimpse through Femtosecond Spectroscopy” by Dr. Mahesh Hariharan Assistant Professor, *School of Chemistry, IISER Thiruvananthapuram* on 22<sup>nd</sup> May 2020
  - “Challenges & opportunities of metal complexes in the medicinal field” led by prof. Jaya Rajendran, Assistant Professor, Loyola college, Chennai was held on 06<sup>th</sup> July 2020
  - “NMR Spectroscopy” by Dr. Reji Varghese, Associate Professor in Chemistry, IISER Thiruvananthapuram on 13<sup>th</sup> November 2020
- Other webinars include:

- o A webinar on “Mindfulness for mental health & coping with the pandemic” led by Dr.Sr.Ruby .
- o A webinar on “Human rights -Indian Perspectives” by Ms.Minimol.V S, Assistant professor on 9th October and 16th November.
- o A webinar on “Human Health -A journey through time and space” by Dr Jimmy Mathew MBBS,MS,MCh Clinical Professor and Reconstructive Microsurgeon, Amritha Institute of Medical Science Kochi on 15/1/2021.
- o A webinar on “Lab Safety and First Aid” Dr Jude Martin Mendez HOD,Applied Sciences and Humanities, AISAT Kalamassery on 01/02/2021.
- An Interaction programme with rising star in Chemistry - Dr Sreekala M S, of Sree Sankara College,Kalady who has been ranked among top 2% scientists of the world as per Rising stars list of Stanford University was organised on 1<sup>st</sup> Jan 2021.
- The Department conducted a DBT funded workshop on “Introduction to Chems sketch” by Dr Daly Kuriakose,Research Scholar ,CUSAT on 20th and 21st february 2021.
- 41 students and 3 faculty members underwent a 2 week workshop on Plastic Processing Techniques and Quality Control at CIPET-IPT Kochi.
- A DBT funded two day inplant training programme was organised on Plastic Processing Techniques and Quality Control for a team of 29 students CIPET-IPT Kochi on 19th and 20th January 2021.
- Nearly 20 videos were prepared by students of the department of Chemistry for high school and plus two students of grama panchayats under UBA and under IGNITE scheme started by the department of Chemistry.

- The Department of Chemistry organized a webinar on Career Prospects in Chemistry by Dr. Newly Joseph, Assistant Professor, Department of Chemistry, St. Xavier's College for Women, Aluva. to Chemistry students of St Pauls College Kalamassery as part of academic exchange programme.
- An Environment Impact Assessment Act (EIA) awareness video was prepared by students of department of Chemistry to protect the environment.
- In connection with the academic week Interact programme a talk was arranged on the topic La sante 'n' haven led by Rini Simon of III BSc Chemistry for the students of the Department of English.
- The department is offering a **new generation course** - Integrated M.Sc. in Basic Sciences-Chemistry. It was inaugurated on 7th January 2021 by Dr. Sabu Thomas, Honourable Vice-Chancellor of MG University.
- The department offers Value added Course in "Practical Exercises in Computational Quantum Chemistry." by Dr. Abi T G, Assistant Professor, Department of Chemistry, Sacred Heart College Thevara from 22nd February to 27th Feb 2021.
- Alumni meet of Chemistry department "CHASS 2021" was organised on 14th March 2021 which was attended by the Retired teachers of the department and students and they felicitated Ms. Beena Varghese on her retirement.
- Days of National and International Significance were observed by department of Chemistry as part of "XAV CARE" initiatives : **(Xaverian Chemistry Association on Reviving the Environment)** like World paper bag day, World Population Day, World

Environment Day, Hiroshima -Nagasaki day, National week of Chemistry, Aids Day and Human Rights Day

### **P G Department of Physics & Research Centre**

- A webinar on ENERGY CONSERVATION AND MANAGEMENT was conducted on 2/7/2020 by Dr.Vimala George, the head of Energy Conservation Club of our college.
- On 17/07/2020, the Department organized a one day International Webinar on Super Resolution Microscopy via Google meet for college students, research scholars and faculty. Dr. Ani Augustine Jose, Postdoctoral Research Fellow at Institut d'Optique d'Aquitaine, University of Bordeaux, France was invited as the speaker for the session.
- On 07/08/2020, the Department in association with the Internal Quality Assurance Cell of the College organized a one day International Webinar on Covid - 19 and Mental Health: Challenges and Implications for college students and faculty. Dr. Henry Poduthase, Associate Professor and Director, Graduate Social Work Program, West Texas A&M University was invited as the speaker for the session.
- An online counselling session was conducted as a part of the student support activity by the Department of Physics on 24/8/2020 for the BSc and MSc Students of the Department of Physics.

- On 15/9/2020, the Department in association with the IQAC & OSAX, arranged a talk on “The Power of Self Motivation” by an alumnus Ms. Anu Yohannan, Quality Lead, Cognizant Technology Solutions, Athulya Infopark.
- A webinar on Human Rights led by Ms. Minimole K was conducted for the Third Year Degree students on 19/09/2020.
- The department organized an Orientation programme by Ms. Sonia John Markose ‘Pep up your Confidence’ for 1st year degree students of the department.
- On 28/11/2020, a virtual Alumni Meeting was conducted for all the alumni and retired faculty members of the Department.
- As part of an Interdisciplinary programme funded by DBT STAR COLLEGE SCHEME a talk led by Mr. Sanesh Varghese, Author, Entrepreneur, Educationist & Trainer, was organized by the Department on 07/01/2021. The programme was attended by First year degree students from Departments of Physics, Chemistry and Botany.
- The department, in association with IEDC, organized two workshops:
  - “Artificial Intelligence” on 17-3-2021, led by Mr. Siju KS, Associate Professor, SAINTGITS College of Engineering Kottayam;
  - “Future Skills- Introduction to Robotics” on 19-3-2021, led by Dr. Youhan Sunny, Assistant Professor, SAINTGITS College of Engineering Kottayam.
- Organized “National Webinar on Virtual Labs in Experiential Learning in Science Domains” in association with National Institute of Technology Karnataka, Surathkal for Teachers and Research Scholars on 20-03-2021.

## Department of Mathematics and Statistics

- Department organised two international webinars –
  - “The Man who knew Infinity” commemorating Srinivasa Ramanujan, on 26.4.2020 in connection with 100<sup>th</sup> Death Anniversary of Srinivasa Ramanujan
  - “Life and Contributions of Maryam Mirzakhani” on 12.5.2020 in connection with Women in Mathematics Day, 2020.
- National webinar sessions were conducted on the topic “Laplace Transforms”, on 15.5.2020 and 20.5.2020 for undergraduate students.
- 4<sup>th</sup> Rev. Sr. Bencita Endowment Lecture as a National Webinar on the topic “SIR and its Extension for Modelling Epidemic Diseases”, was organised on 10<sup>th</sup> July, 2020.
- The department conducted a Webinar on Online Tutoring in Mathematics on 16.9.2020 in association with OSAX.
- A Webinar on Environmental Mathematics for V Sem B. Sc Mathematics students of various colleges under M G University, was held on 18.11.2020.
- It conducted an intercollegiate online PPT competition and Portrait Drawing Competition in connection with Prof C. R. Rao Birth Centenary year observance on 21.9.2020.
- Mathematics Association activities were inaugurated by Dr Sunny Kuriakose, Academic Secretary-Kerala Mathematical Association & Dean with a talk on Importance of National Mathematics Day. Students of the department prepared teaching videos for school children of classes 9 to 12, and uploaded the same on YouTube.
- The Department organised an Online Alumni Meet on 9<sup>th</sup> January 2021.



- As part of Academic Week Celebration-ORACLE, the department organised an International Webinar on “Health Management during Pandemic” based on the theme-Health @ Habitat on 11.1.2021.
- As part of INTERACT, the department organised a talk by Ms. Volga Shaji of 3<sup>rd</sup> year B. Sc Mathematics, who spoke on the topic “Shigellosis & Essential Vitamins” to the second year and first year students of Botany department on 12.1.2021. Alna K. M, student of Botany department delivered a talk on the topic “How safe are pesticides?-Impact on Human Health” for the second year and first year students of the department of Mathematics on the same day.
- The Department organised DBT funded Webinar for first, second and third year B. Sc Mathematics students on 25th & 27th January/2021.
- The Department, in association with the Department of Microbiology and IEDC organised an Expert Talk on “Ideation- Road to Entrepreneurship" on 10/3/2021.

### **P G Department of Microbiology**

- On June 5th 2020, students and teachers of the department planted trees at their homes and an Essay writing competition on Biodiversity was organized.
- The department conducted a session on yoga - Staying Calm amidst Chaos on Yoga day 21<sup>st</sup> June.
- The department organized a Webinar on ‘Paper Structuring , Publishing and Beyond’ by Miss Anupama Prakash, Science Communicator , Impact Science on July 20<sup>th</sup> 2020.
- Another webinar on 25<sup>th</sup> July on Enzyme purification by Dr Bindhu O.S , Associate Professor , Jain University Bangalore was also conducted.

- A Counselling Session -Living in the Pandemic Age by Dr Sr Ruby was offered to the students of the department.
- The department conducted an Online Pamphlet distribution via Social media - Communicable disease during the rainy season.
- A virtual Alumni meet was conducted on 16<sup>th</sup> September. The department Alumni Talk was offered by Dr Sharrel Rebello , Assistant Professor , Dept of Microbiology & Forensic Science St Joseph's College , Irinjalakuda.
- As part of the Academia 2020-21 Oracle Programme, Dr Ajith V, Dept of Microbiology, Pushpagiri Institute of Medical Sciences and Research Centre Thiruvalla gave a talk 'Covid 19 and use of Disinfectants'.
- An Awareness video on waste management and Climate change was done by MSc 2<sup>nd</sup> year Students. As part of the Interact programme Miss S Gayathri gave a talk on Covid 19 and use of Disinfectant.
- A talk on Ideation was organised jointly with the Department of Mathematics and IEDC on 10 th March 2021.
- An Awareness video on waste management and Climate change was done by MSc 2<sup>nd</sup> year Students

### **P G Department of Commerce and Research Centre**

- The department organized 'Quest' -An inter collegiate online commerce quiz on 13th may 2020.

- An International webinar on “Role of women entrepreneurs in logistics and supply chain management” was organized on May 14<sup>th</sup> 2020.
- A National online FDP on the Innovative teaching and learning methods, led by Dr. Vinod A.S was held on 20<sup>th</sup> and 21<sup>st</sup> May 2020 .
- The department celebrated world youth skills day by poster presentation of “Skills in action” on July 15<sup>th</sup> 2020.
- On June 5<sup>th</sup> World environment day was celebrated with Intra departmental essay writing competition.
- The department is offering online NET coaching via Commerce You Tube channel “Ignite” on 24<sup>th</sup> Aug 2020.
- Onam was celebrated online.
- Dr. Sister Ruby counselor took a webinar on coping with stress during covid 19 times for the students.
- In September 2020 webinar series Ensemble by alumne was held on the topic “power of positive thinking”.
- Gandhi Jayanti was observed by cleaning homes and surroundings. As part of awareness drive on environment, an online quiz on was conducted called.
- A Webinar on “Sustainable Green Banking Practices in India” was organized by the Department on 22<sup>nd</sup> October.
- A webinar on Research methodology led by Dr. Gabriel Simon Thattil, Director and IQAC, University of Kerala, was conducted on 12<sup>th</sup> Oct.

- On 17th Oct an investor awareness program which was an initiative of SEBI in association with Aditya Birla Sun Life Mutual Fund was conducted exclusively for teachers of St.Xaviers College for Women.
- A webinar on UBA-NEP awareness programme was conducted on 18th Oct 2020 on the topic Dissemination of information on NEP to lay people.
- Self-Introduction and Ice breaking Session was arranged for First year UG students on 30.10.2020.
- Career Guidance class on Education to Employment conducted on 31.10.2020 collaborating with Invisor Academy.
- As part of Academic week the department conducted an expert talk Oracle by Dr Rathish R.L, Assistant Professor, Department of Veterinary Epidemiology and Preventive medicine, College of Veterinary and Animal Sciences, Pookode, Wayanad on the topic Surroundings and its impact on human health.
- Student Talk for the programme Interact by Asma Abdul Salam on the topic ‘Pesticides and Food: Healthy Sensible Food Practices’ was also organized.
- A National webinar on “Innovation and creativity for entrepreneurs” in association with Institution’s innovation council and innovation and entrepreneurship development centre together with the department was held on 12<sup>th</sup> march 2021. Dr. Lalit Sharma and Mr. Shibin Mohamed of Entrepreneurship Development Institute of India, Ahmedabad engaged the sessions.
- Online alumni meet of the department was held on 30th January 2021.

### **Department of Physical Education**

- The college Volleyball team participated in the All Kerala inter collegiate tournament. And were Runners up in the Ernakulam District Senior Volleyball championship held at Eloor from 5<sup>th</sup> to 7<sup>th</sup> of February 2021.
- Sona S Kumar, Jisha K S, Anulakshmi M S, Swathykrishna T and Suramyya S got selected to represent Ernakulam District in the Senior South Zone championship held at Varapuzha.
- The department observed International Yoga day by organizing a National webinar on 21<sup>st</sup> of June 2021. Dr. Vrinda, Government Ayurveda Hospital, Kasargod, was the Resource Person.
- Our college Athletics team won the Runners up trophy in the 64<sup>th</sup> Ernakulam District Athletics championship held at M A College Kothamangalam and Maharaja's College Stadium, Ernakulam from 4<sup>th</sup> 7<sup>th</sup> of February 2021, respectively.
- Kum. Anupama Biju and Kum. Namitha K P represented Ernakulam District and participated in the Senior State Athletics Championship held at Calicut from 18<sup>th</sup> to 21<sup>st</sup> February 2021.
- Kum. Steeva Shaji represented Thrissur District and participated in the Junior State Kabaddi Championship held at Kasargode on 16<sup>th</sup> and 17<sup>th</sup> of March 2021, and got selection to participate in the National championship held at Telungana from 20<sup>th</sup> to 24<sup>th</sup> of March 2021.
- Kum. Liya K T, will represent Kerala State for the All India Senior National CESTO ball championship held at Punjab from 26<sup>th</sup> to 28<sup>th</sup> of March 2021.

- Kum. AthiraDas P K and Kum. Rose Maria will represent Ernakulam District in the Junior State Basketball Championship held at Carmel CMI Public School, Vazhakulam on 25<sup>th</sup> and 26<sup>th</sup> of March 2021.
- **Dr. Cicily Pearly Alex**, Head of the Department of Physical Education participated as **Technical official** for the conduct of South -Zone National Junior Athletics Championship held at Calicut from 25<sup>th</sup> -28<sup>th</sup> of February 2021.

### **Department of Commerce (Self Financing)**

- The department of Commerce (self financing) organised a Webinar on “Project Work - Way of Easiness” led by Dr. Madhusoodanan Kartha N V, Assistant Professor in Commerce, Panampilly Memorial Government College on August 5, 2020.
- The department also organised an International Webinar “Triple Bottom-line of Corporate Social Responsibility” led by Mr. Jobi Jacob, Lecturer in Business Management, Regent College Wembley, London on August 26, 2020.
- A counselling program “Managing stress during the Pandemic” by Dr. Sr. Ruby, was organised for the students on September 11 and 14.
- A webinar on ‘Preparation of Research Report’ for final year UG students was led by Dr. Vimala P, head, Finance and Taxation s/f on September 18.
- A Faculty Exchange program with Naipunya college, Pongam was organized from September 22-24.
- Talk by alumni from different streams were conducted: “Role of Organic Products in the Current Scenario” by Sherin Chacko to B.Com Computer Application students on

October 30th; “A Trekking Experience to Himalaya” by Amrutha George to B. Com. Travel & Tourism students on November 13th and “Ways to Achievement” by Resma George to B Com Finance & Taxation students on November 17th.

- As part of the academic week, the department organized a few webinars: A talk on ‘An Insight into Covid 19 - Courses and Consequences’ by Dr. Parvathi R Nair, House Surgeon, Al-Azhar Medical College, Thodupuzha.
- On January 12th the department conducted an Interact programme on the topic ‘Contribution of Environmental Health Towards a Country’s Wealth’ by Rajalakshmi Ramachandran of III B Com Travel & Tourism for the students of Department of Zoology. Interact programme was organized January 13th, on the topic ‘Pollution and Human Health’ by Saniyya K S of III B. Com Computer Application for the students of the Department of Malayalam.
- A Tax Practitioner Class for 1st UG Taxation and Computer Application students by Mr. Radhakrishnan, Tax Study centre was organized on February 24th, 2021.
- Motivational talk by Dr. Sr. Ruby for the students of 1st UG Taxation, Computer Application and Co-Operation students was also conducted.
- A Career Guidance class for 1st UG Cooperation students by Joy P P Co-operative Bank President (Retired Assistant Registrar of Co-operation Department, Collectorate.) was conducted by the department.
- An online alumni meet was organized on February 27 and PTA meeting for 1st UG students was conducted on March 4th. On March 15, IEDC talk on the topic “INCUBATION AND ACCELERATION OPPORTUNITIES FOR STUDENTS” by N K

Nikhil, Assistant Professor, Rajagiri College of Social Sciences, Kalamassery was conducted.

### **Department of Communicative English**

- Department of Communicative English organized a national webinar “Communicators’ Dilemma: Media Media Everywhere: Which media to choose” on 6th June 2020, by Mr. Sriganesh Raman, an award winning communications professional and AVP Marketing communications, Congruent Solutions Private Limited, Chennai.
- The Department organized a national webinar on the topic ‘WE ARE ALL MAD HERE: A DIALOGUE DISSENT IN DIGITAL SPACES’, led by Lena Joseph, PhD Scholar, English and Foreign Languages University, Hyderabad on October 13.
- As a part of annual Academic week, Academia 2020-2021, an expert talk by Dr. Ajeya Ayipuzha, BHMS graduate and trainer at Heartfulness institute, on the topic “MENTAL WELL BEING: THE NEED OF THE HOUR” was conducted via Google meet on January 15 2021.
- An online Expert class on research methodology led by Leenu Lenus, research scholar of Pondicherry Central University was conducted for third year communicative students on December 11, 2020.
- As a part of the Interact program of the college academic week, the department organized 2 sessions by students Fareeha Zara biju and Akshaya Indu, on ‘Health @ habitat- the Importance of Hygiene’ for Economics and Zoology students. Sneha K.S from III BA Economics spoke on “The Hunger Report” on 12th January 2021.



- The Department Of Communicative English in association with the department of Zoology, organized a session ‘Environmental Effects of Covid 19 and Potential Strategies for its Sustainability’ led by Miss Sandra Sebastian, student of 3rd B.Sc. Zoology. On 18th January, 2020.
- The Department conducted a virtual Alumni meet on 27-02-2021.
- On the occasion of Gandhi Jayanthi, a portrait drawing competition and a collage making competition was organized. A Cleaning Drive Competition was conducted wherein participants clicked pictures of their home and surroundings pre- and post-cleaning.
- October was celebrated as Halloween month, wherein, 4 week-long competitions were conducted. The department also celebrated Kerala Piravi day with several competitions.

### **CLUB ACTIVITIES (Registered Clubs)**

#### **ENERGY AND ENVIRONMENT CONSERVATION CLUB (EECC)**

- The club organised a talk on Energy Conservation and Management on 02/07/2020.
- In association with Energy Swaraj Foundation(ESF), Mumbai, the club coordinated an online course ‘Learn how to Design Solar Systems’.
- 26 club members attended a webinar on Students Solar Ambassador Workshop on the topic “Role of Youth in Attaining Atmanirbhar Bharat in Energy” on 2<sup>nd</sup> October 2020 organized by ESF.

- 64 students participated in the institutional level Power quiz conducted by KSEB and the two winners -Sinu Margarat Seemon of I B.Sc Mathematics and Aysha Nustin C N of I B.Sc Botany - attended the district level competition.

### **TOURISM CLUB**

- During the lockdown months of April to July the Tourism Club in collaboration with IIC and NSS of the college initiated two 'lock down campaigns' as part of our online outreach program.
- Tourism Club in association with EBSB Club organised a Travelogue Writing Competition for students on 27th May.2020. Sandra M. George of The Department of Botany won the prize.
- As part of international Tourism day celebrations, the Club conducted a Journey photography competition titled 'Shots and Snaps'.

### **BHOOMITRASENA CLUB**

- World Environment Day was observed by conducting awareness through various competitions.

- Oration on the topic ‘Gandhiji as an Environmentalist’ was conducted. Awareness about dengue fever & its control measures were given by the club members to their respective residential areas.
- Members were also provided with various saplings of vegetables.
- Wild life week was observed with various competitions like essay writing, video narration and power point competitions.
- The club also made awareness videos on hand hygiene and immunity.
- As part of the campaign “Break up with plastic bags and make up with cloth bags” the club prepared and distributed 4000 paper bags to various shops.
- Plants and sapling was distributed and planted in Choornikara panchayat area.
- Club members have also done google surveys to analyse waste management practice, single use plastic usage in daily life, effect of food habits on lifestyle diseases.
- Members also participated in homestead biodiversity competition organized by kerala Biodiversity Board.
- ‘Be the Voice of Animal’ competition was organized along with logo designing.
- A competition on ‘Travel Experience Sharing’ was also held.

#### **ENTREPRENEURSHIP DEVELOPMENT CLUB**

- ED Club in association with IEDC & NGO- Samrambhak Mitra organized My Story Session with successful Start-up Founder/Entrepreneur on November 25th 2020, VIA Google Meet. Dr. Baiju Nedumkeri, Chairman of Agropark, Piravom shared his Entrepreneurial Journey.

- ED Club members participated in the Design Challenge Competition conducted by Samrambhak Mitra, and bagged all the prizes.
- As part of Campus Innovator Talk, an online Interaction with a Budding Alumna Entrepreneur Ms. Heenu T J was conducted on 18, January 2021.
- Paper pen making initiative as part of ED club continued this year also. Club members made and distributed paper pens to different departments.
- As part of Entrepreneurship week ED & IEDC Club members put up a stall on 25<sup>th</sup> February, 2021 showcasing their talents in making eco friendly masks, paper bags, bottle art, drawings etc.

#### **FOLKLORE CLUB**

- As part of the Folklore Day Celebrations, the Folklore Club of our college in collaboration with the Department of Malayalam organized a Webinar on 20<sup>th</sup> August 2020. Dr. A K. Appukuttan, Famous folklorist delivered a lecture on the topic ‘Folk Song Tradition of Kerala.’

#### **NATURE CLUB**

- Webinar on terrarium making was organized by Lotus nature club on 20.2.2021. Resource person Mrs. Reji Antony demonstrated the art of terrarium making
- Webinar on nursery management by alumni Ms.Nejitha Shams ( Ummiyazz plant boutique, Perumbavoor). She shared her experiences as a women entrepreneur.

## **CLUB ACTIVITIES (Non-Registered Clubs)**

### **EK BHARATH SHRESHTA BHARATH CLUB (EBSB)**

- EBSB Club, an MHRD initiative, aims at structured cultural connect between people of different regions. EBSB Club of St. Xavier's College for Women was inaugurated on 13<sup>th</sup> January 2020. Accordingly, Kerala is paired with Himachal Pradesh and St. Xavier's College for Women, Aluva is paired with St. Bede's College Shimla.
- The Club organised a poetry writing competition "A Poem for Himachal" for students on 10.04.2020.
- All departments organised Powerpoint presentations on various socio, economic and cultural aspects of Himachal Pradesh from 16.04.2020 to 30.04.2020.
- On 15.04.2020, the EBSB club members of the college created a short video on awareness about Corona and to salute the medical and other teams.
- As part of Himalayan Dish @ home initiative the club encouraged its members to try different Himalayan recipes at home.
- The EBSB club in collaboration with IIC, Tourism Club and NSS of St. Xavier's College for Women, initiated two 'lock down social media campaigns' as part of its online outreach program.
- 'Lock down Redesigns' campaign gave an opportunity to the stakeholders to unlock their talents in art, craft, micro green farming etc.
- The second campaign named 'share the care' covered faculty's children and student's family members and received excellent responses.

- On 27/05/2020 EBSB Club in association with Tourism Club organised a Travelogue Writing Competition for students.
- On 26/08/2020 a virtual interaction between ST. XAVIER'S COLLEGE FOR WOMEN ALUVA KERALA and ST. BEDE'S COLLEGE SHIMLA HIMACHAL PRADESH was conducted.
- On 30.09.2020- the club organized 'Vivarthan', an interactive session on International Translation Day.
- On 06/10/2020 St. Xavier's College for Women and St. Bede's College, Shimla jointly conducted an interactive literary exchange session on regional writers on 6th October 2020.
- On 31.10.2020- National Unity Day - St. Xavier's College for Women Aluva Kerala and St. Bede's College Shimla Himachal Pradesh jointly conducted a unique programme to celebrate the National Unity Day.
- As part of Kerala Piravi Celebrations, Students of our institution created a video demonstrating the history, art forms and culture of Kerala. This video was uploaded on the college website and link shared to the students of St. Bede's College, Shimla, Himachal.

#### **DEBATE CLUB**

- The club organized a panel discussion on the Make in India Campaign on 4/11/2020.

#### **FINE ARTS CLUB**

- Face mask designing competition conducted for students through an online platform.
- Fine arts club members participated in Toycathon in association with IIC of the institution. They prepared hand made toys with cloth, wood, clay, cardboard, paper etc.
- As part of Moon day observation- an annual public outreach event by NASA that encourages observation, appreciation, and understanding of our Moon, members of fine arts club portrayed the aesthetic beauty of moonlit night.
- The club organized an Origami making challenge on Hiroshima day 6th August 2020.
- The club also ran a campaign 'Best out of waste'-to inculcate a habit of reusing things and reducing waste.

### **COOKERY CLUB**

The club organized various competitions like

- Mommy and Me cooking competition,
- Food art Competition,
- Kerala Cuisine cooking competition,
- Winter Holidays Food Styling Competition.

### **SOCH-VICHAR CLUB**

- The club celebrated Premchand Jayanthi on 31<sup>st</sup> July 2020 by organizing an online quiz competition.
- Hindi Day was celebrated on 14<sup>th</sup> September 2020 by conducting a Google Form Quiz.

## **DANCE CLUB**

- The Dance Club in association with the Zoology Department & IIC organised a “ Dance to heal” to cope up with the quarantine stress. The students came up with an array of dance series videos.
- In connection with International Dance Day 2020, the Dance Club, St Xavier's College for Women, Aluva organized a dance quiz on May 5<sup>th</sup>, 2020.

## **THEATRE CLUB**

- The club organized a Chain Acting Challenge “കൊറോണം നല്ലൊണം” in which the students of the club depicted Onam in the context of COVID 19.
- The club also organised a Mono Act competition named “ACT Out- ഇന്നത്തെ കേരളം” for Xavarian students.

## **PAINTING AND PHOTOGRAPHY CLUB**

- The club conducted a Lockdown Photography Contest on instagram.
- Weekly photography & Painting theme based challenges were given to the club members. ‘Go-Green Art’ Kerala Piravi Day Contest, a painting competition was conducted for students & faculty.
- Onam Competitions – ‘ONAKAZHCHAKAL’ and ‘ONARUCHI’ online photography competitions were organized.



- An online photography contest, Hauntography, was conducted in the month of November as part of the Halloween celebrations.

### **MEDIA CLUB**

- As part of onam celebrations the media club of our college organised an essay writing competition named "onakkalm orormakkalam".

### **MUSIC CLUB**

- As part of Kerala piravi celebration amidst Covid-19, Music and Instrument club organised a competition 'Ente Keralam'
- The members also prepared a song for IIC of the institution in 3 languages.
- They also participated in the Jingle competition of IIC in English & Hindi.
- The members participated in various online inter collegiate competitions and bagged prizes.

### **CLUB FOR DIFFERENTLY ABLED**

- A National Webinar on 'Inclusion of Persons with Disabilities in Higher Education and Employment' was organized on 23rd and 24th June 2020 by the cell. The programme was inaugurated by Mr. Johny Tom Varghese, IAS, the Commissioner of People with Disability TN, Dr. P.T. Baburaj Director, Inter University Centre for Disability Studies, Mahatma Gandhi University.

- A partnership was established with Inter University centre for Disability Studies, MG University and Youth 4 jobs NGO. World disability day was observed on Dec 3<sup>rd</sup>.
- UFO training for English Communication Skills was conducted for eligible students.

### **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.