



ST. XAVIER'S COLLEGE VAIKOM

Affiliated to Mahatma Gandhi University, Kottayam

NAAC Accredited with B+ Grade | Kothavara P.O., Kottayam, Kerala - 686 607

Website : www.stxaverscollegevaikom.ac.in

3.2.2 Number of Workshops/ Seminars/ Conference including Programs conducted on Research Methodology, Intellectual Property Rights (IPR) and Entrepreneurship during the last five years (2018-2023).

Sl No.	Year	Name of the workshop/ seminar	Department	Number of Participants
1	2022-23	Citizen Science Training Programme	Zoology	20
2	2022-23	Introduction to Research Methodology	Commerce	34
3	2022-23	Workshop on Research Methodology	Food Science	20
4	2022-23	Seminar on Secret Messenger of Universe	Physics	
5	2022-23	Water Hyacinth: A socio economic resource for livelihood	Zoology	48
6	2022-23	Fullbright - Nehru Specialist lecture	Zoology	95
7	2022-23	Training on value added products from clam meat	Zoology	42
8	2022-23	Decoding Intellectual Property Rights	IQAC	44
9	2022-23	Invited lecture on entrepreneurship	ED club and Economics	67
10	2022-23	Product development training and workshop by ZAARA Biotech	Food Science	38
11	2022-23	Workshop on SPSS	Commerce	9
12	2022-23	Seminar on Protection of Ozone Layer	Chemistry	72
13	2022-23	Invited lecture on Cephalopod diversity	Zoology	70
14	2021-22	Invited lecture on integrated approach in Science and Technology for sustainable future	Chemistry	148
15	2021-22	Start ups in herbal technology- Scope for future India	Chemistry	148





ST. XAVIER'S COLLEGE VAIKOM

Affiliated to Mahatma Gandhi University, Kottayam

NAAC Accredited with B+ Grade | Kothavara P.O., Kottayam, Kerala - 686 607

Website : www.stxavierscollegevaikom.ac.in

16	2021-22	Online Talk on' Innovative Products With Drying Technology 'and' Eat for a real change '	Food science	20
17	2021-22	Seminar on Diabetes	Food science	20
18	2021-22	Academic writing and communication skill, research methodology, reference management and academic publishing	Library	321
19	2021-22	Intellectual Property and its management	Library	319
20	2021-22	Invited lecture on 'Entrepreneurship'	Economics and ED Club	75
21	2021-22	Webinar on financial education	Dept of Commerce	18
22	2021-22	Webinar on reflections of reading	College Library, IQAC and Career & Placement Cell	30
23	2021-22	"Adam Smith in Kerala: a critical deployment of Economic reason in Travancore 1880's and 1920's"	Economics	98
24	2020-21	Mangrove Conservation webinar in collaboration with Social Forestry Division, Govt. of Kerala	Dept. of Zoology	30
25	2020-21	Panel Discussion on Citizenship Amendment Act	Political Science	30
26	2020-21	Webinar on digital marketing and online course creation techniques	Dept of Commerce and College library	25
27	2020-21	Webinar series in collaboration with health infonet	College Library	35
28	2020-21	Seminar on Phytochemistry - Fascinating Chemistry of Plants	Chemistry	24





ST. XAVIER'S COLLEGE VAIKOM

Affiliated to Mahatma Gandhi University, Kottayam

NAAC Accredited with B+ Grade | Kothavara P.O., Kottayam, Kerala - 686 607

Website : www.stxavierscollegevaikom.ac.in

29	2020-21	Entrepreneurship Schemes by Government of Kerala - An overview	Commerce	25
30	2020-21	International webinar "Covid - 19: A chemist's Eye view"	Chemistry	23
31	2020-21	National Webinar on NEP 2020: Implications on higher education	Department of Political Science	25
32	2020-21	Seminar on Wetland Conservation	Zoology	25
33	2019-20	Seminar on Applications of NMR Spectroscopy	Chemistry	25
34	2019-20	Seminar on the history of periodic table - IYPT 2019	Chemistry	25
35	2019-20	Opportunities and Challenges of Journalism in the Era of New Media	Political Science	62
36	2019-20	Breaking the barrier - Responding to the Global Challenges of Tourism	Political Science	62
37	2019-20	Workshop on Online verification and fact checking	Political Science	62
38	2018-19	District level media workshop	Political Science	25
39	2018-19	A session on positive attitude development and personal effectiveness	Zoology	30
40	2018-19	Seminar on "Human rights: Challenges and prospects"	Political Science	25
41	2018-19	Seminar on GST and career counselling	Commerce	24
42	2018-19	Workshop on Research Methodology	Zoology	24
43	2018-19	Workshop on Research Methodology	Chemistry	19
44	2018-19	Workshop on Research Methodology	Political Science	20

Principal

Prof. (Dr.) Gimson D. Parambil

Principal

St. Xavier's College Vaikom

Kothavara P.O - 686607



1. Citizen Science Training Programme

The Department of Zoology at St. Xavier's College, Vaikom, hosted a Citizen Science Training Programme on 17th November 2023. The event was successfully conducted by **Ms. Ancy C. Stoy**, a Senior Research Fellow at ICAR - Central Marine Fisheries Research Institute (CMFRI), Kochi.

Key Activities:

Mini Secchi Disk Demonstration: Ms. Stoy provided an in-depth demonstration of the Mini Secchi Disk, explaining its significance and practical applications in marine research.

TurbAqua Mobile Application: The session included a hands-on demonstration of the 'TurbAqua' mobile application, showcasing its features and usage for monitoring water quality parameters.

Objective: The primary objective of the programme was to engage and educate participants on the tools and techniques used in marine research, emphasizing citizen science initiatives. The training aimed to enhance the participants' understanding and capability to contribute to environmental monitoring and data collection.

Participants: The training session was attended by students, faculty, and other members of the Department of Zoology. The interactive format allowed participants to gain practical knowledge and insights into the applications demonstrated.



2. Introduction to Research Methodology

On 7th March 2023, the PG Department of Commerce at St. Xavier's College, Vaikom, organized a one-day orientation on Research Methodology for the III B.Com students. The session aimed to enhance students' understanding of fundamental research concepts, methodologies, and project writing essentials. The workshop was held in the III B.Com classroom and was led by Dr. Titto Varghese, an Assistant Professor in the Department of Commerce, who brings over a decade of experience in research and academics.

The workshop covered a comprehensive range of topics essential for conducting social science research. These included identifying a research topic, formulating a research problem, developing a research design, creating a research hypothesis, preparing questionnaires and interview schedules, collecting data, analyzing data, and writing a project report. Dr. Titto Varghese provided valuable insights and practical knowledge on each of these aspects, making the session highly informative and engaging.

The event was coordinated by Dr. Athena Joy, the class coordinator for the final year degree students. The workshop received an overwhelming response, with 40 students actively participating and providing positive feedback. This orientation significantly contributed to the academic development of the students, equipping them with essential research skills and knowledge.

RESEARCH ORIENTATION FOR III B.COM

Venue: - III B Com Class
Date: - 7th March 2023
Time: - 1:45 pm to 3:45 pm
Resource Person: - Dr. Titto Varghese

Sl. No	R. No.	Name of Student	Signature
1	20101	Abhinav	Ab
2	20102	Adarsh R	Ab
3	20103	Adheena Sathesan	Adheena
4	20104	Adithyan Saji Kumar	Adithyan
5	20105	Adithyankanthy K.S	Adithyankanthy
6	20106	Agartha Silvi	Agartha
7	20107	Akash Benchohad	Akash
8	20108	Alan Shaji	Alan
9	20109	Amal Antony	Amal
10	20110	Anaswara Basha Menon	Anaswara
11	20111	Anuja P Sankosh	Anuja
12	20112	ARJUN DEV - N.H	Arjun
13	20113	Ashyanka	Ashyanka
14	20114	A.A. Abina K.S	Abina
15	20115	Harshanya Keerthimen	Harshanya
16	20116	Issac Somy	Issac
17			
18	20118	Justin Antony	Justin
19	20119	Nivya Manishanamparambil	Nivya
20	20120	Somdha Bhoj	Somdha
21	20121	Sneha C	Sneha
22	20122	Stephy George	Stephy
23	20123	Tom Jo Jose	Tom
24	20124	Tom Jo Jose	Tom
25	20125	Analyja PA	Analyja
26	20126	ARJUN DEVI	Arjun
27	20127	Binu T.M	Binu
28	20128	Deepak S. Reji	Deepak
29	20129	Rekha Varghese	Rekha



3. Workshop on Research Methodology

The Department of Food Science and Quality Control at St. Xavier's College, Vaikom, organized a one-day Workshop on Research Methodology tailored for undergraduate students. The workshop focused on essential research concepts, methodologies, and processes, particularly in Food Science and Quality Control. The workshop was conducted on 14th October 2022

Chief Resource Person: Dr. Sarita Ramachandran, Faculty of Zoology

Participants: 20 students

Key Topics Covered:

- Research Design
- Sampling Techniques
- Data Collection
- Data Analysis
- Ethics in Research

Students also received guidance on writing and publishing research papers in peer-reviewed journals. The workshop concluded with a Q&A session and participant feedback. Overall, the workshop effectively enhanced the research skills and knowledge of the participants.



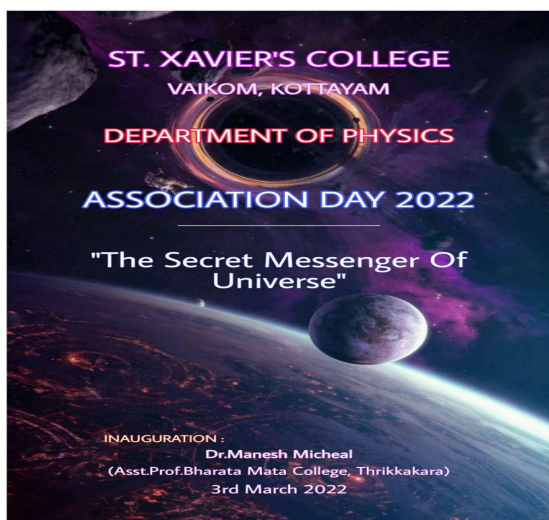
Workshop on Research Methodology
 Organiser :- Department of Food Science
 Date :- 14/10/2022
 Venue :- Media Room
 Resource Person :- Dr. Sarita Ramachandran
 Faculty of Zoology

Sl. No.	Name	Department	Signature
1	Abhayaasree, A.Kammoth	Department of Food Science	[Signature]
2	Aleena Benny	Department of Food Science	[Signature]
3	Anesha .PS	Department of Food Science	[Signature]
4	Anjaram .S. Lal	Department of Food Science	[Signature]
5	Aradhana Parvickes S	Department of Food Science	[Signature]
6	Elias Dhanoh Varghese	Department of Food Science	[Signature]
7	Fathima Munothas	Department of Food Science	[Signature]
8	Fousiya .S	Department of Food Science	[Signature]
9	Hiba .K.K	Department of Food Science	[Signature]
10	Leya Mathew	Department of Food Science	[Signature]
11	Parvathy .S	Department of Food Science	[Signature]
12	Lijya Sams	Department of Food Science	[Signature]
13	Malavika K.S	Department of Food Science	[Signature]
14	Nikhil .P	Department of Food Science	[Signature]
15	Nivya .PS	Department of Food Science	[Signature]
16	Anupriya A	Department of Food Science	[Signature]
17	Anavind .A. Kumars	Department of Food Science	[Signature]
18	Lathima Rishshi	Department of Food Science	[Signature]
19	Munugalakshmi .S	Department of Food Science	[Signature]
20	Ammu.T.P	Department of Food Science	[Signature]



4. Seminar on Secret Messenger of Universe

On 3rd march 2022, the Department of Physics at St. Xavier's College, Vaikom, held its Association Inauguration, followed by a seminar titled "The Secret Messenger of the Universe." The event began with a welcome address by Dr. Bijumon C.C, Faculty of the Department of Physics, followed by the presidential address delivered by Dr. Tomy Joseph, Head of the Department. The inauguration was conducted by Dr. Manesh Michael, Assistant Professor at BMC, who also presented the seminar. The keynote address was given by Dr. Rajumon T. Mavunkal, the Principal of the college. Miss Aiswarya Ajith performed a solo, and Miss Jismy George, a faculty member, offered felicitations. The program concluded with a vote of thanks by Mr. Naveen Joy, the Association Secretary. The seminar, presented by Dr. Manesh Michael, was both informative and engaging, leaving a significant impact on the attendees.



5. Workshop on Water Hyacinth: A socio-economic resource for livelihood

A workshop on "*Water Hyacinth: A Socio-Economic Resource for Livelihood*" was held at St. Xavier's College, Vaikom on June 22, 2022. The event featured lectures from experts on the social, economic, and environmental aspects of water hyacinth utilization. A young entrepreneur, **Mr Anuroop Gopalakrishna Bhakthan**, shared his insights and inspired the participants. The workshop included an interactive session and concluded with positive feedback from local self-help groups and a vote of thanks.



6. Fulbright – Nehru Specialist lecture on “Health of the estuaries and advances in estuarine monitoring: A case study from southwest Florida coast”

On July 21, 2022, a Fulbright – Nehru Specialist lecture was held in the Media Room. The event began with a silent prayer, followed by a welcome address from Dr. K.J Abraham, HOD of Zoology, who also briefed the audience on Fulbright – Nehru scholarship programs. Dr. Gimson D Parambil, Principal of St. Xavier’s College, delivered the presidential address, and Dr. Ajith Joseph, Executive Director of Nansen Environmental Research Centre (India), offered felicitations.

The chief guest, **Dr. Felix Jose**, Associate Professor of Oceanography at Florida Gulf Coast University, USA, delivered a lecture on *"Health of the Estuaries and Advances in Estuarine Monitoring: A Case Study from Southwest Florida Coast."* Dr. Sarita Ramachandran from the Zoology department provided concluding remarks and delivered the vote of thanks. The event saw active participation from 85 students and 10 teachers.



ST.XAVIER'S COLLEGE, VAIKOM

JULY 21, 2022

Fulbright- Nehru Specialist lecture : **Health of the estuaries and advances in estuarine monitoring: A case study from southwest Florida coast**

Dr.Felix Jose (Fulbright- Nehru Specialist @NERCI) Associate Professor of Oceanography, Dept. of Marine and Earth Sciences, Florida, Gulf Coast University

PROGRAMME

Prayer	
Welcome Address	: Dr.K.J.Abraham (Head, Dept. of Zoology)
Presidential Address	: Dr. Gimson.D.Parambil (Principal, St.Xavier's College, Vaikom)
Felicitations	: Dr. Ajith Joseph (Executive Director Nansen Environmental Research Centre (India))
Lecture on Health of the estuaries and advances in estuarine monitoring: A case study from South west Florida coast	: Dr.Felix Jose (Fulbright-Nehru specialist @NERCI) Associate Professor of Oceanography, Dept of Marine and Earth Sciences, Florida Gulf Coast University, USA
Vote of Thanks	: Dr. Sarita Ramachandran (Asst.Prof; Dept of Zoology)



*Fulbright-Nehru Specialist Lecture: **Health of the estuaries and advances in estuarine monitoring: A case study from southwest Florida coast***



Dr. Felix Jose (Fulbright-Nehru Specialist @NERCI)
*Associate Professor of Oceanography, Dept. of Marine and Earth Sciences
Florida Gulf Coast University, USA*

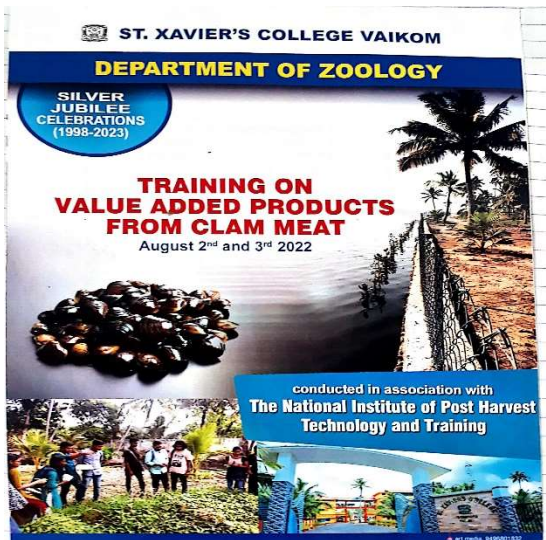
at
St. Xaviers College, Vaikom on July 21, 2022

In Collaboration with Nansen Environmental Research Centre (India), Kochi



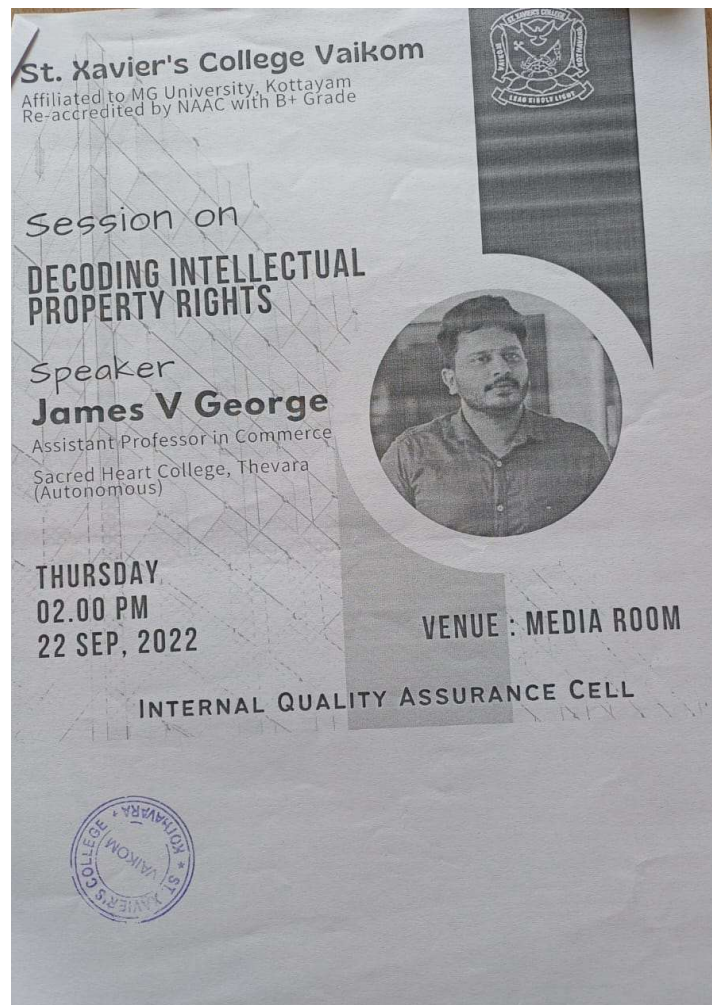
7. Training on Value Added Products from Clam meat conducted in association with NIFPHATT, Kochi

The Department of Zoology celebrated its 24th anniversary and entered its 25th year with a two-day event on August 2-3, 2022, at the Media Lab. The event included training on value-added products from clam meat for 15 local women, inaugurated by Professor Sunny Jose. The program featured speeches, felicitations, and a workshop on preparing delicacies like pickles, cutlets, and wafers from clam meat. The event concluded with a valedictory function and vote of thanks.



8. Decoding Intellectual Property Rights

A session on Decoding Intellectual Property Rights was delivered by James V.George, Assistant Professor in Commerce, Sacred Heart College, Thevara(Autonomous) on 22nd September 2022 at the Media room, St.Xavier's College Vaikom. This session was organized by IQAC of the college. About 44 students participated in the session and the students acquired first hand information about the significance of IPR.



Sl. No.	Name	e-mail ID	Phone Number	Signature
1.	Sreejith R.	sreejith8672@gmail.com	7736134795	Sreejith
2.	AmalKishna.B	2002amalkishna@gmail.com	8589972598	Amal
3.	JOSEPH ZION S.M	josephzionsm@gmail.com	7736991771	Joseph
4.	ANANDU.CA	canandus3@gmail.com	812962939	Anandu
5.	Asha John	ashajohn20@gmail.com	9074215434	Asha
6.	Aparna: G. Sabu	aparna.sabu.827@gmail.com	874122621	Aparna
7.	Sreelakshmi.P.S	lakshmiPS9656@gmail.com	9656328158	Sreelakshmi
8.	Lakshmi A.	caullakshmi72@gmail.com	9086840723	Lakshmi
9.	Bhavana Vinod	bhavana.vinod.2003@gmail.com	8089533009	Bhavana
10.	Arjun Sajeed	arjun.sajeed.29@gmail.com	7206924632	Arjun
11.	Chizi Kim	gizai.kim@gmail.com	9608047396	Chizi
12.	SANORA K S	asasathesaris54@gmail.com	8848686443	Sanora
13.	Jenna Anthony	jenna.anthony.22@gmail.com	8848686443	Jenna
14.	Sudra Parasian	sudra.parasian.2002@gmail.com	8848686443	Sudra
15.	Abana Charshan	abana.charshan5@gmail.com	7736711449	Abana
16.	Madhav S	Madhav.sabu.0287@gmail.com	7024609574	Madhav
17.	DON ANN SABU	donann.sabu@gmail.com	9037650985	Don Ann
18.	Aleema A	aleema.23.aam@gmail.com	7561052001	Aleema
19.	Jessyrol Dennis	jessyrol.dennis.02@gmail.com	6235352108	Jessyrol
20.	Ahulya Manoj	manohulya19@gmail.com	9400420562	Ahulya
21.	Smyamal K.U	smyamal.k.u.02@gmail.com	4736823939	Smyamal
22.	Ashkitha A	ashkitha5vaikom@gmail.com	9061835924	Ashkitha
23.	Anupama K.S	anupama.k.sabu@gmail.com	9633433832	Anupama
24.	Aswathikutty.P.T.	aswathikuttypt@gmail.com	7025394075	Aswathikutty
25.	Nayana K.V	krayana.30@gmail.com	9496312039	Nayana
26.	Luchithra S	sugathinay30@gmail.com	8089922054	Luchithra
27.	Aswathide M	masuathide.04@gmail.com	7736815162	Aswathide
28.	Nandana V.H	nandana.v.h@gmail.com	9778638981	Nandana
29.	Bhagya N Remanan	bhagyanremanan2002@gmail.com	7236569110	Bhagya
30.	Krishnaprasad C	krishnaprasad641@gmail.com	8138071909	Krishna
31.	Alan Jiji	alongji5435@gmail.com	9778246258	Alan
32.	Ashijith sunil	Ashijithsunil5216@gmail.com	918587615	Ashijith
33.	Suryadev P.S	suryadev952003@gmail.com	9995645216	Suryadev
34.	Joshua Raniel	joshuaranielnass@gmail.com	7594078902	Joshua
35.	SANATH DRS.S	sabisanars@gmail.com	949100221	Sanath
			9544306967	Sanath

Sl. No.	Name	e-mail ID	Phone Number	Signature
36.	Ashizam B	ashizam.2003@gmail.com	9567315922	Ashizam
37.	Yadhu S kumar	yadhu.s.kumar.0400@gmail.com	9801087205	Yadhu
38.	Joseph Sebastian	joseph.sebastian.107@gmail.com	9100123651	Joseph
39.	Aouslee Anil	aousleeanil10@gmail.com	9778300797	Aouslee
40.	Alphonsa luice	luice.alphonsa@gmail.com	9736654108	Alphonsa
41.	Krishnapriya .D	krishnapriya.977@gmail.com	7736276324	Krishna
42.	Pooznima Reji	pooznimareji6@gmail.com	8078254688	Pooznima
43.	K.R.Karthika.	Karthika.k@gmail.com	8590452045	Karthika
44.	Kavya shaji	kavya.31@gmail.com	8590452045	Kavya



9. Invited lecture on "Entrepreneurship and Innovation"

The Institution Innovation Council and E.D Club of the College, in association with IQAC, organized an invited lecture on "*Entrepreneurship and Innovation*" on October 17th, 2022, at the Media Room, St. Xavier's College, Vaikom. **Mr. Saju K. Surendran, IES**, Director of Financial Affairs, Ministry of Finance, Government of India, was the guest speaker. The objective of the lecture was to provide insights into the opportunities within an entrepreneurship innovation ecosystem.

Mr. Surendran shared his experience working with special economic zones and motivated the 67 participants to become job providers rather than job seekers. He emphasized that entrepreneurship and innovation are crucial pillars for economic growth, technological progress, and societal development. He highlighted the importance of collaboration among governments, businesses, and educational institutions to create environments that foster creativity, collaboration, and risk-taking.



10. Orientation programme on product development training and workshop by ZAARABIOTECH

The department of food science conducted an orientation session and entrepreneurship training on product development in association with Zaara biotech for both the first and second year students of the department of food science on 12th October 2022

Number of students participated: 38

Zaara Biotech is a biotechnology startup company established in 2016 focusing Research in Energy and Food crisis using Micro- Algae. In collaboration with **the Indian Council of Agriculture and Research – CIFT** Cochin, Govt of India. The aim of the programme was to develop innovative solutions in F& B Sector through biotechnology training to college students. It was an initiative to introduce students to the concept of entrepreneurship. Students wholeheartedly participated in the training and workshop sessions, and also ended up volunteering to participate in the online training sessions provided by the company moving forward.

*We help you, create
something new
to the market*

**BE AN ENTREPRENEUR
BE A PRODUCT
DEVELOPER**



ST. XAVIER'S COLLEGE VAIKOM
Re-accredited with B+ Grade by NAAC
Transforming lives since 1981



ORIENTATION PROGRAMME ON PRODUCT DEVELOPMENT TRAINING BY ZAARA BIOTECH

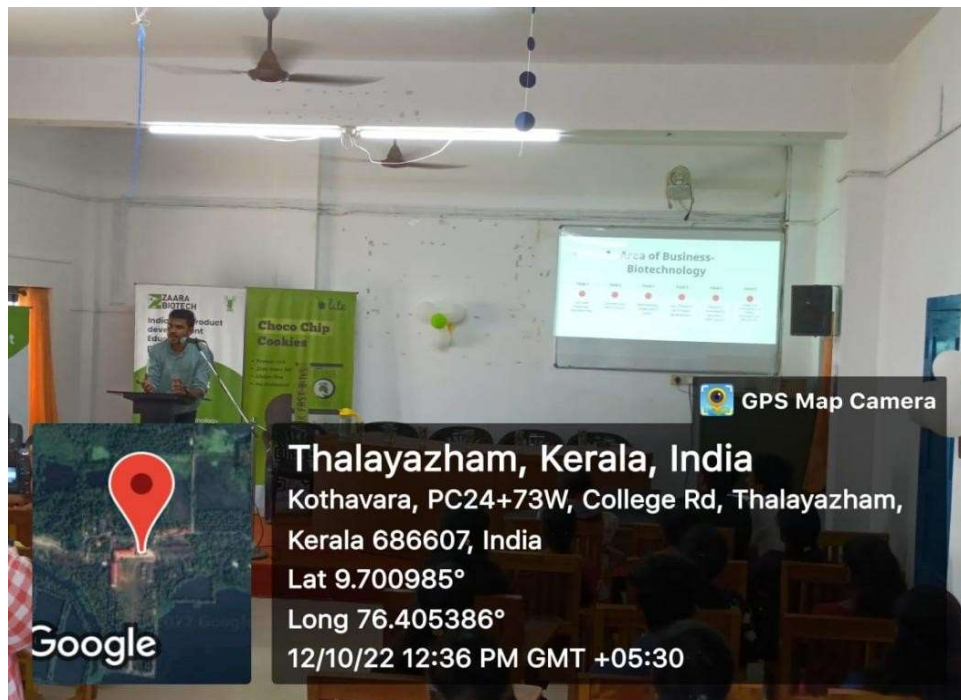
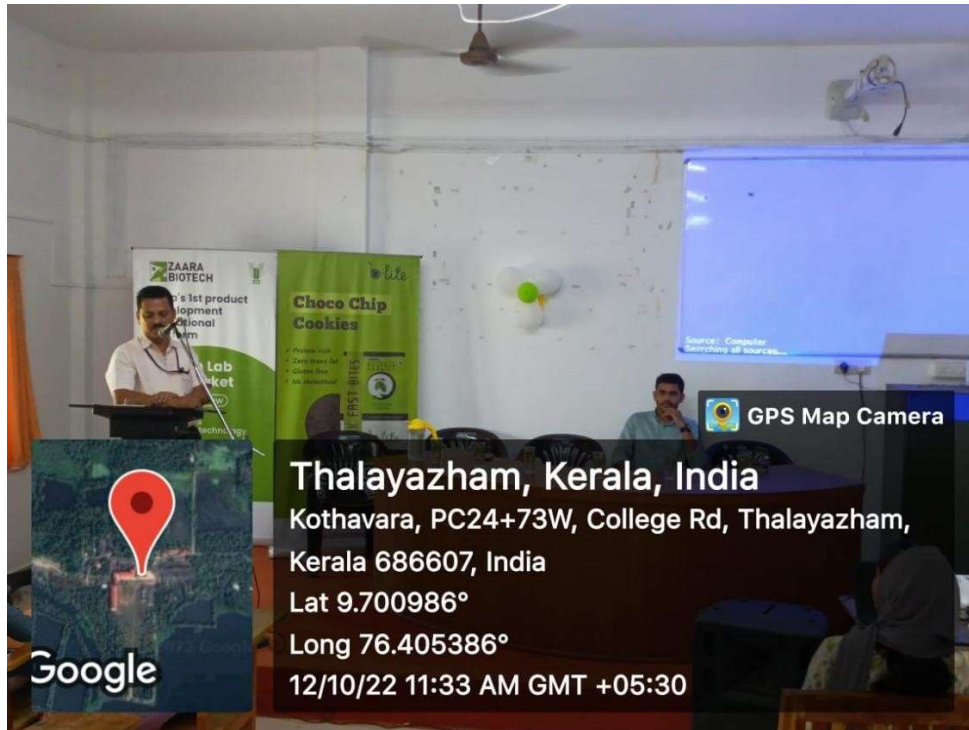
Date : 12th October 2022

Time : 11AM - 12 PM

Venue : MEDIA ROOM

In association with Department of Food Science & Quality Control & IQAC





11. Workshop on SPSS

A one-day SPSS training workshop was held on August 16, 2022, by the Department of Commerce. **Dr. Athena Joy** led the workshop, which aimed to help final-year (link unavailable) students with data analysis for their dissertations. Students learned how to use SPSS software, code and enter data, filter data, and understand hypothesis testing and cross-tabulation. The workshop was well-received and had high student participation.



WORKSHOP ON ¹⁴ SPSS TRAINING - DATA MANAGEMENT & STATISTICAL ANALYSIS
 Venue : P.G. Room Time : 10:00 am to 3:00 pm
 Date : 16/8/2022 Resource Person : Dr. Athena Joy

Sl. No.	R. No.	Name of Student	Signature
1	20701	Abhirami Reghu. P	<i>[Signature]</i>
2	20702	Agnes Mawa Biju	- AB -
3	20703	Aleena Varghese	- AB -
4	20705	Anitta Sajith	<i>[Signature]</i>
5	20706	Anamol K.S	- AB -
6	20708	Anamol P.O	- AB -
7	20709	Aacharya K.A	<i>[Signature]</i>
8	20710	Athira M.K	<i>[Signature]</i>
9	20711	Aruny K. Reghu	<i>[Signature]</i>
10	20714	Jifin N.O	<i>[Signature]</i>
11	20715	Lismin M.J	<i>[Signature]</i>
12	20716	Megha Ramesan	<i>[Signature]</i>
13	20717	Syda B.S	<i>[Signature]</i>

No. of Students Present : 9
 No. of Students Absent : 4

Name & Signature of Resource Person :
 Dr. Athena Joy
[Signature]
 16/8/2022

Name & Signature of HOD :
[Signature]
 16/8/2022

HOD, P.G. ROOM, ST. XAVIER'S COLLEGE, VAIKOM, KERALA



12. Ozone Day Celebration

Department of chemistry conducted on awareness campaign for the “Protection of ozone layer” to all the science students of Department of Physics, Chemistry, Zoology and Aqua culture and Food science and Quality Control on 26/09/2022.

Number of students participated: 72



13. Invited Lecture on Cephalopod Diversity

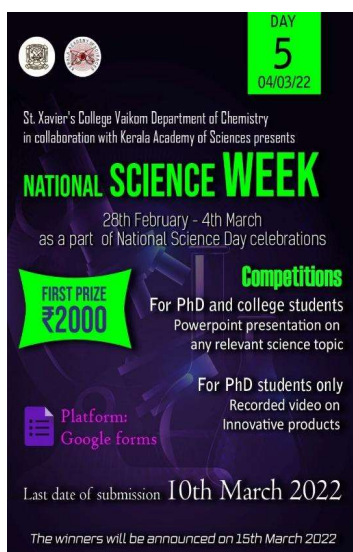
The Zoology Association, Hermosa 2022, at St. Xavier's College, Vaikom, inaugurated its activities with an enlightening invited lecture on "Cephalopod Diversity." The event featured a distinguished speaker who provided an in-depth exploration of cephalopods, highlighting their unique adaptations, ecological significance, and evolutionary history. This lecture offered students and faculty valuable insights into the fascinating world of these marine organisms, fostering a deeper appreciation for biodiversity and marine biology. The inauguration ceremony set a vibrant tone for the association's activities, emphasizing the importance of academic enrichment and research in zoology.



14. Invited lecture on “Integrated Approach in Science & Technology for A Sustainable Future” And “Start – Ups in Herbal Technology – Scope for Future India”

The Department of Chemistry and IQAC, in association with the Kerala Academy of Science, celebrated National Science Day Week from 28/02/2022 to 04/03/2022. The event commenced with a two-day webinar, inaugurated by **Prof. Kuruvila Joseph (Dean, Indian Institute of Space Science and Technology, Trivandrum)**, who delivered a talk on “Integrated Approach in Science and Technology for a Sustainable Future.” **Prof. Dr. G.M Nair (President, Kerala Academy of Sciences)** provided a Science Day message, followed by **Dr. K. Ramesh Kumar's** talk on “Start-ups in Herbal Technology: Scope for Future India.” The week included a virtual science contest fair featuring:

1. Elocution and article writing competition for college students
2. Drawing and science fiction story writing competition for school students
3. Competition on PowerPoint presentation & recorded video on innovative products for PhD students
4. Science quiz for all students



DAY 5
04/03/22

St. Xavier's College Vaikom Department of Chemistry
in collaboration with Kerala Academy of Sciences presents

NATIONAL SCIENCE WEEK

28th February - 4th March
as a part of National Science Day celebrations

FIRST PRIZE ₹2000

Competitions
For PhD and college students
Powerpoint presentation on
any relevant science topic

For PhD students only
Recorded video on
Innovative products

Platform:
Google forms

Last date of submission **10th March 2022**

The winners will be announced on 15th March 2022



St. Xavier's
College Vaikom

Department of Chemistry
in collaboration with
Kerala Academy of Sciences
presents

Day 4

03-03-22

First prize
₹2000

Last date of submission:
10th March 2022

Platform:
Google forms

NATIONAL SCIENCE WEEK

28th Feb - 4th Mar
As a part of National Science Day
Celebrations

Competitions

FOR STUDENTS OF CLASSES 8 -12
Drawing Competition
Science fiction Story Writing Competition

FOR COLLEGE STUDENTS
Elocution Competition
Article Writing Competition

The topic for all these competitions is the National Science
Day 2022 theme,
**'Integrated Approach in Science and Technology
for a sustainable future'**

The results will be announced 15th March 2022



St. Xavier's College Vaikom Department of Chemistry in collaboration with
Kerala Academy of Sciences presents

National Science Week

28th February-4th March 2022
as a part of National Science day celebrations

Announcing the
Virtual Science Contests fair

1st prize WINNERS

Congratulations

Science Quiz
Amritha K B
Sree Narayana College Cherthala

Article Writing Competition
Maneesha Ramesh
Maharaja College Ernakulam

Drawing Competition
Fathimathu Saboda
Mar Athanasius College Kothamangalam

Science Fiction Story Writing Competition
Arjoon P
Mar Thoma College Thiruvalla

Innovative products recorded video presentation
Neena M V
Cochin University of Science and
Technology, CUSAT, Kalamassery



Virtual National Science Day Celebration

In Collaboration With Kerala Academy Of Sciences

National Science Week

28th February – 4th March 2022

Organized By
Department Of Chemistry,
St. Xavier's College Vaikom

DISTINGUISHED CHIEF GUEST
Prof. Dr. Kuruvilla Joseph
Dean, Indian Institute of Space Science and Technology, Trivandrum, Kerala, India
Royal Society Fellow

ALL ARE CORDIALLY INVITED

DAY 02 1- 03-2022 TUESDAY
11AM TO 12:30 PM

PRAYER: Adithya R, III BSc Chemistry

WELCOME ADDRESS: Dr. Ginson D Parambil, Vice Principal St. Xavier's College Vaikom

FELICITATIONS: Dr. Rajumon T. Mavunkal, Principal, St. Xavier's College Vaikom
Dr. K. J Abraham, Head of the Department of Zoology

DISTINGUISHED CHIEF GUEST
Science Day Message:
Prof. Dr. G M Nair, President Kerala Academy of Sciences

WEBINAR ON: "Start-ups in Herbal Technology- Scope for future India"
Resource person: Dr. K. B. Ramesh Kumar (alumnus) Principal Scientist in the Phytochemistry & Biopharmaceuticals Division IISST-INTDCRI, Thiruvananthapuram, General Secretary, KAS

VOTE OF THANKS: Dr. Subi Joseph, Assistant Professor, Department of Chemistry, St. Xavier's College Vaikom

THE THEME OF THE NATIONAL SCIENCE DAY 2022

Integrated Approach in Science and Technology for a Sustainable Future.

PROGRAMME SCHEDULE 2 PM TO 4 PM **DAY 1, 28-02-2022 MONDAY**
NATIONAL SCIENCE DAY

PRAYER: Adithya R, III BSc Chemistry

WELCOME ADDRESS: Prof. Payas Varghese, Head of the Chemistry Department, St. Xavier's College Vaikom

PRESIDENTIAL ADDRESS: Dr. Rajumon T. Mavunkal, Principal, St. Xavier's College Vaikom

INAUGURATION AND NATIONAL SCIENCE DAY LECTURE: Prof. Kuruvilla Joseph, Dean, IIST, Thiruvananthapuram

FELICITATIONS: Fr. Joshy Vezhaparambil, Manager, St. Xavier's College Vaikom
Dr. Tomy Joseph (IQAC co-ordinator) HOD, Department of Physics, St. Xavier's College Vaikom

VOTE OF THANKS: Dr. Sharika T Nair, Assistant Professor, Department of Chemistry St. Xavier's College Vaikom

The Science Departments, Alumni and IQAC of our college join hands together to celebrate the wonder of science.

Virtual science contests' fair

First prize Rs 2000, for each competition

- For School Students
Drawing & Science Fiction Story Writing Competitions
03-03-2022
- For College Students
Elucation & Article Writing Competitions
03-03-2022
- For Phd Students
Competitions on Power Point Presentation & Recorded Video On Innovative Products
04-03-2022
- Science Quiz For All
02-03-2022

ORGANIZING COMMITTEE
Dr. Saju Daniel
Prof. Payas Varghese
Dr. Subi Joseph
Dr. Sharika T Nair
Ms. Merly Thomas

Contact
+91 8547545218
+91 944957 34612
+91 97472 32933

e certificate will be provided



St. Xavier's College Vaikom Department of Chemistry in collaboration with Kerala Academy of Sciences presents



National Science week

28th February - 4th March as a part of National Science Day celebrations

DAY 3
02/03/22

Online Science Quiz

for School (Classes 8,9,10,11,12), College & PhD students

1ST PRIZE ₹2000

Platform: Talent Tester
Duration of the Quiz : 30 minutes
URL: bit.ly/stxavie
Registration Password: 232022
Quiz Available time: 7am to 11.59pm.
You can attend the quiz any time between this time slot.

You will be able to download your participation certificate in the website itself after completing the quiz.

The winners of all the competitions will be announced on 15th March 2022



15. Invited Lecture On Integrated Approach In Science & Technology For A Sustainable Future And Start – Ups In Herbal Technology – ScopeFor Future India

Department of chemistry and IQAC in association with Kerala Academy of Science celebrated national science day week from 28/02/2022 to 4/03/2022. The celebration started with two day webinar. The programme was inaugurated by distinguished Prof. Kuruvila Joseph (Dean, Indian Institute of space science and Technology, Trivandrum). Prof. Kuruvila Joseph delivered a talk on the topic “Integrated approach in Science and Technology for a sustainable future”. Prof. Dr. G.M Nair (President, Kerala Academy of Sciences,) addressed the gathering by giving a science day message. It is followed a talk on “Start-ups In Herbal Technology-Scope for future India “by Dr.K. Ramesh Kumar (Principal Scientist in the Phytochemistry & Psychopharmacology Division KSCSTE-JTCRI , Thiruvananthapuram, General Secretary KAS). A virtual science contest fair was conducted during the week with various competitions.

1. Elocution and article writing competition for college students
2. Drawing ad science fiction story writing competition for school students
3. Competition on power point presentation & recorded video on innovative products for PhD students
4. Science quiz for all students

Virtual National Science Day Celebration
In Collaboration With Kerala Academy Of Sciences
National Science Week
28th February – 4th March 2022
Organized By Department Of Chemistry, St. Xavier's College Vailom
DISTINGUISHED CHIEF GUEST
Prof. Dr. Kuruvila Joseph
Dean, IIST, Thiruvananthapuram
ALL ARE CORDIALLY INVITED

THE THEME OF THE NATIONAL SCIENCE DAY 2022
Integrated Approach In Science and Technology for a Sustainable Future.
PROGRAMME SCHEDULE 2 PM TO 4 PM **DAY 1, 28-02-2022 MONDAY NATIONAL SCIENCE DAY**
PRAYER Adithya R, III BSc Chemistry
WELCOME ADDRESS Prof. Payas Varghese, Head of the Chemistry Department, St. Xavier's College Vailom
PRESIDENTIAL ADDRESS Dr. Rajumon T. Mavunkal Principal, St. Xavier's College Vailom
INAUGURATION AND NATIONAL SCIENCE DAY LECTURE Prof. Kuruvila Joseph, Dean, IIST, Thiruvananthapuram
FELICITATIONS Fr. Joshy Vezhapparambil, Manager, St. Xavier's College Vailom
Dr. Tony Joseph (IQAC Co-ordinator) HOD, Department of Physics, St. Xavier's College Vailom
NOTE OF THANKS Dr. Sharika T Nair Assistant Professor, Department of Chemistry, St. Xavier's College Vailom
The Science Departments, Alumni and IQAC of our college join hands together to celebrate the wonder of science.

Virtual science contests' fair
First prize: Rs 2000, for each competition
For School Students Drawing & Science Fiction Story Writing Competitions 03-03-2022
For College Students Elocution & Article Writing Competitions 03-03-2022
For PhD Students Competitions on Power Point Presentation & Recorded Video On Innovative Products 04-03-2022
ORGANIZING COMMITTEE
Dr. Saju Daniel
Prof. Payas Varghese
Dr. Subi Joseph
Dr. Sharika T Nair
Ms. Mary Thomas
Contact
+91 85479 2448
+91 85479 2448
+91 97472 32833

DAY 02 1 03-2022 TUESDAY
11AM TO 10:30 PM
PRAYER Adithya R, III BSc Chemistry
WELCOME ADDRESS Dr. Gimson D Parambil, Vice Principal St. Xavier's College Vailom
FELICITATIONS Dr. Rajumon T. Mavunkal Principal, St. Xavier's College Vailom
Dr. K. J Abraham, Head of the Department of Zoology
DISTINGUISHED CHIEF GUEST
Science Day Message, Prof. Dr. G. M Nair President Kerala Academy of Sciences
WEBINAR ON "Start-ups in Herbal Technology-Scope for future India"
Resource person: Dr. K. R. Ramesh Kumar (Principal Scientist in the Phytochemistry & Psychopharmacology Division KSCSTE-JTCRI, Thiruvananthapuram, General Secretary KAS)
NOTE OF THANKS: Dr. Subi Joseph Assistant Professor, Department of Chemistry, St. Xavier's college Vailom

ST. XAVIER'S COLLEGE
VAIKOM
686 607
KOTHAVARA P.O.



16. Online Talk: 'Innovative Products with Drying Technology' and 'Eat for a Real Change'

The Department of Food Science at St. Xavier's College, Vaikom, organized an online talk on 4th December 2021, featuring the topics 'Innovative Products with Drying Technology' and 'Eat for a Real Change.' The event saw the participation of 20 enthusiastic students who gained valuable insights into the latest advancements in food preservation techniques and the impact of dietary choices on health and well-being. The session highlighted cutting-edge drying technologies used to create innovative food products and emphasized the importance of mindful eating for sustainable health. This informative talk provided students with practical knowledge and inspired them to explore new frontiers in food science and nutrition.



 **ST. XAVIER'S COLLEGE VAIKOM**
Re- accredited with B+ Grade by NAAC
Transforming lives from 1981

**DEPARTMENT OF
FOOD SCIENCE & QUALITY CONTROL
EXPERT TALK SESSION**

 **Mrs. Teenu Thomas**
Consultant Nutritionist,
Healthify me

 **Mrs. Pheba Merianne Fredy**
Former R&D Incharge
S4S Tech

Date: 4th Dec 2021
Time : 7pm
Mode : Online




17. Seminar on Diabetes


The Department of Food Science at St. Xavier's College, Vaikom, organized a seminar on diabetes on 23rd November 2021. The event, which aimed to raise awareness about diabetes and its management, saw the participation of 20 students. The seminar covered various aspects of diabetes, including its causes, symptoms, and dietary recommendations for managing the condition. It provided an opportunity for students to gain in-depth knowledge about diabetes and its impact on health, emphasizing the importance of a balanced diet and lifestyle in preventing and managing diabetes. The interactive session concluded with a Q&A segment, allowing students to clarify their doubts and engage with the topic more thoroughly.


XAVIERS ASSOCIATION
OF FOOD SCIENCE(XAFS)
IN COLLABORATION
WITH IQAC
CONDUCTING AN
ONLINE EXPERT TALK
SESSION
ON DECEMBER 4TH, 2021
AT 10 A.M

St. Xavier's College
Vaikom




**DEPARTMENT OF FOOD SCIENCE
AND QUALITY CONTROL**






**"EAT FOR A REAL
CHANGE"**

TEENU THOMAS
CONSULTANT NUTRITIONIST
HEALTHIFYME





**INNOVATIVE
PRODUCTS WITH
DRYING TECHNOLOGY**

PHEBA MERIANNE FREDY
FORMER R&D INCHARGE
S4S TECHNOLOGIES

PROGRAMME

Prayer
Abhayasree A Kanmath

Welcome speech
Ann Mathew (HOD)


Keynote Address
Dr. Rajumon T. Mavunkal (Principal)

Felicitation
Rev.Fr. Joshy Vezhaparambil (Manager)
Dr.Gimson.D Parambil (Vice Principal)

EXPERT TALK SESSION

Vote of Thanks
Ammu T.P

Join the meeting with **Google Meet**
Link:
<https://meet.google.com/mdi-gdbwgmc>





18. International Online Workshop on Academic Writing and Communication Skills, Research Methodology, Reference Management, and Academic Publishing

The 30-Days International Online Workshop on Academic Writing and Communication Skills, Research Methodology, Reference Management, and Academic Publishing was a significant initiative organized collaboratively by St. Xavier's College, Vaikom, and several other prominent institutions, including Lore & Ed Research Associates, Assumption College, Alphonsa College, and others.

The workshop, held from November 23 to December 31, 2021, was inaugurated by Dr. R. Bindu, Hon. Minister for Higher Education and Social Justice, Government of Kerala, and featured an impressive panel of experts from various fields such as Dr. K.P. Vijayakumar, Prof. (Dr.) Sabu Thomas, Dr. Gabriel Simon Thattil, and others. Conducted online via Zoom from 7:30 to 9:30 PM IST, the workshop offered over 30 sessions that combined theoretical knowledge with practical applications.

Key highlights included comprehensive discussions on UGC guidelines for research and publication ethics, practical training on overcoming writing challenges, use of reference management tools, insights on getting published, and intellectual property rights. The program also emphasized post-workshop support through discussion groups and shared resources, ensuring continuous learning and collaboration among participants. Coordinated by Lore & Ed Research Associates Pvt Ltd and supported technically by various faculty members, the workshop concluded successfully, providing valuable skills and knowledge to faculty, research scholars, and students, culminating in the provision of e-certificates for participants.



30-Days International Online Workshop on
**ACADEMIC WRITING AND COMMUNICATION SKILLS,
RESEARCH METHODOLOGY, REFERENCE MANAGEMENT,
AND ACADEMIC PUBLISHING**

Jointly Organised by



National Institute of Physical Medicine and Rehabilitation (NIPMR), Thrissur



in association with

Lore & Ed Research Associates

Workshop Dates: 23 November - 31 December 2021
Time: 07:30 - 09:30 PM IST

For Registration, [Click here](#)

Registration Fee: ₹750/ \$12



INAUGURATION



Dr. R. Bindu
Hon. Minister for Higher Education
and Social Justice
Government of Kerala

Date: 17 November 2021
Time: 12:00 PM IST

Technical Support



Inauguration Day
Join Zoom Meeting
[Click Here](#)

Meeting ID: 976 5589 7972
Passcode: 805513



19. Intellectual Property and Its Management Workshop

The Library Department organized an online workshop on "Intellectual Property and Its Management" during the academic year 2021-22. The workshop was conducted over a span of more than a month, from November 23, 2021, to December 31, 2021, utilizing an online platform to facilitate participation and engagement.

This workshop aimed to provide an in-depth understanding of intellectual property (IP) and its management to the participants. The sessions covered a wide range of topics, including the fundamentals of IP rights, patent filing processes, copyright laws, trademark registration, and effective strategies for managing IP portfolios. The workshop combined theoretical knowledge with practical applications, ensuring participants gained a comprehensive understanding of IP management.

The workshop attracted 319 participants, including faculty members, research scholars, and students. The diverse participant base ensured a rich exchange of ideas and experiences, contributing to a deeper understanding of the subject matter.

By the end of the workshop, participants were equipped with the knowledge and skills needed to effectively manage intellectual property in their respective fields. The success of this online event highlights the Library Department's dedication to advancing the academic and professional competencies of its community in the area of intellectual property management.



20. Invited Lecture on 'Entrepreneurship'

The Department of Economics and the Entrepreneurship Development (ED) Club at St. Xavier's College, Vaikom, organized an invited lecture on the topic of "Entrepreneurship." The event attracted 75 participants, including students and faculty members. The lecture aimed to inspire and educate attendees about the fundamentals of entrepreneurship, the challenges and opportunities in starting a business, and the key traits of successful entrepreneurs. The session included practical insights and real-life examples to illustrate entrepreneurial concepts. Participants found the lecture highly informative and motivating, gaining valuable knowledge to foster their entrepreneurial ambitions.



21. Webinar on Financial Education

On March 24, 2021, the Department of Commerce conducted a webinar focused on financial education as part of their academic initiatives for the year 2021-22. This online event aimed to provide participants with valuable insights into financial literacy and management, equipping them with the necessary knowledge to make informed financial decisions.

The webinar covered a range of topics critical to financial education, including budgeting, saving, investing, and understanding financial markets. It emphasized the importance of financial planning and the impact of financial literacy on personal and professional lives. Through detailed presentations and interactive sessions, participants were introduced to practical financial tools and strategies that could be implemented in their daily lives.

With 18 participants, the webinar facilitated a focused and interactive learning environment. The attendees, including students and faculty members, benefitted from the expert knowledge and practical advice shared during the sessions. The event successfully achieved its objective of promoting financial literacy and empowering participants with the skills necessary to manage their finances effectively.

The Department of Commerce's commitment to financial education is reflected in the success of this webinar, highlighting the importance of such initiatives in fostering a financially literate community.



22. Webinar on Reflections of Reading

On May 24, 2021, a collaborative webinar titled "Reflections of Reading" was organized by the College Library, IQAC, and Career & Placement Cell. This event aimed to explore the various dimensions and impacts of reading on personal and academic growth, providing participants with a deeper appreciation of the practice.

The webinar offered a platform for participants to engage in meaningful discussions about the importance of reading, its role in cognitive development, and its influence on career and personal development. Through a series of insightful presentations and interactive sessions, the event highlighted the transformative power of reading and encouraged participants to cultivate a lifelong reading habit.

With 30 participants, the webinar created an intimate and engaging setting where attendees, including students, faculty, and staff, could freely exchange ideas and experiences. The event successfully underscored the significance of reading in personal and intellectual development and motivated participants to incorporate regular reading into their routines.

The successful organization and execution of this webinar by the College Library, IQAC, and Career & Placement Cell reflect their commitment to promoting educational enrichment and lifelong learning among the academic community.



23. "Adam Smith in Kerala: a critical deployment of Economic reason in Travancore 1880's and 1920's"

Department of Economics, St Xavier's College Vaikom hosted an Invited Lecture on the topic "Adam Smith in Kerala – A Critical Deployment of Economic Reason in Travancore 1880's and 1920's" on 19/11/2021 in connection with Economics Association Inauguration 2021-22. Dr. Levin N.R (Assistant Professor Sr .grade, University of Delhi, South Campus) was the resource person. Nearly 98 participants attended the programme and it was a very informative session. The interactive session that followed the lecture was productive.



24. Webinar on Mangrove Conservation

An online webinar was organized by the Department of zoology in collaboration with the social forestry division of the Kerala Forest Department. A lecture on “*Nature conservation & Mangrove protection*” was delivered by **Adv. Binoy Makamthanam** . Dr .Rajumon T Mavunkal ,Principal St. Xavier’s College Vaikom presided over the meeting. Welcome speech was delivered by Dr. K.J Abraham and felicitation was offered by Dr G Prasad , ACF, K Satheesh Kumar ,Range Forest Officer & P Vijaykumar ,SFO of Social Forestry Division ,Kottayam.



Image: Inspired by the webinar on mangrove conservation, students planted mangrove plants along the sides of Vembanad Lake.



25. Panel Discussion on Citizenship Amendment Act

The Department of Political Science in association with its Alumni Association-“Resonance” organized a Panel Discussion on Citizenship Amendment Act on 13/02/2020 .Justice CS Rajan ,Mr Sreejith Panicker (Political Analyst) and Mr Bobby Thomas (Political Analyst) were the chief panelists.200 Students from various departments besides the members of alumni and the public attended and participated in the discussions.



26. Webinar on Digital Marketing and Online Course Creation Techniques

On August 20, 2020, the Department of Commerce, in collaboration with the College Library, organized a webinar focused on digital marketing and online course creation techniques. The event aimed to equip participants with essential skills and knowledge required to effectively utilize digital marketing strategies and create engaging online courses.

A total of 25 participants attended the webinar, which provided valuable insights into the evolving digital landscape and practical guidance on leveraging digital tools for educational and business purposes. The webinar featured expert speakers who shared their experiences and offered practical advice, enhancing the participants' understanding and capabilities in these crucial areas.

27. Webinar Series in Collaboration with Health Infonet

During the academic year 2020-21, the College Library organized a series of webinars in collaboration with Health Infonet. This series consisted of multiple sessions held on October 28, 2020, November 18, 2020, January 23, 2020, November 25, 2020, and November 28, 2020.

The objective of the series was to provide participants with valuable information and insights into health-related topics, leveraging the expertise and resources of Health Infonet. With a total of 35 participants, the webinar series successfully facilitated the dissemination of important health information and fostered an environment of learning and engagement among the attendees.

The sessions were designed to address various health topics, contributing to the participants' overall knowledge and awareness in the field of health and wellness.



28. Seminar on Phytochemistry - Fascinating Chemistry of Plants

The Chemistry Department of St. Xavier's College Vaikom organized the “SCIENSTA 2020” All Kerala Intercollegiate Science Quiz competition on February 18, 2020, sponsored by the 1991-93 Pre-Degree Science Batch Alumni of the college.

The event was inaugurated by **Dr. K.B. Ramesh Kumar**, Senior Scientist at Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Thiruvananthapuram, who gave a talk on “*Phytochemistry: The Fascinating Chemistry of Plants.*” The meeting was presided over by Principal Sri. Rajumon T. Mavunkal.

With 200 participants, including students and faculty from various institutions, the quiz focused on general science topics. The Quiz Master was Sri. Joby Joseph, Senior Teacher at O.L.L. H.S.S Uzhavoor. Thirty-five teams competed, with St. Aloysius College Edathva winning first prize (Ever-rolling trophy and Rs. 70,000). The second and third prizes were won by College Trissur and another team from St. Aloysius College Edathva.

The event provided a platform for students to test their knowledge and sparked their interest in new scientific areas, particularly in chemical science.



GENERAL INSTRUCTIONS

- A team should consist of two participants.
- Registration fee of Rs. 100 per team.
- A trophy will be awarded to the team.
- The teams must meet before 10:30 a.m.
- The quiz will be held at 11 a.m.
- There will be a prize for the best team.
- The winner of the Quiz Master will be the host.
- Lunch will be provided to the participants.

CONTACT DETAILS

St. Xavier's College Vaikom
Vaikom, Kerala 686 607
Ph: 0471-2542100

ST. XAVIER'S COLLEGE VAIKOM
DEPARTMENT OF CHEMISTRY

SCIENSTA 2020
All Kerala Intercollegiate Science Quiz Competition

Sponsored by
1991-93 Pre-Degree Batch Alumni

Topic: "Phytochemistry: The Fascinating Chemistry of Plants"

Dr. K.B. Ramesh Kumar
Senior Scientist, Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Thiruvananthapuram

18th February 2020 (Tuesday)
Vaikom College Auditorium



INVITATION

Respected Sir/Madam,
The Chemistry Department of St. Xavier's College Vaikom is organizing the All Kerala Intercollegiate Science Quiz Competition, SCIENSTA 2020 on 18th February 2020, Tuesday at St. Xavier's College Vaikom. The inaugural function will be held at college auditorium at 10 a.m. We request you to kindly send a team of two students from your institution to conduct the Quiz in highest standard.

Dr. Rajumon T. Mavunkal (Principal)
Sri. Pappayyan (HOD, Dept. of Chemistry)
Mr. Chandrasekhar K.S. (Student rep.)
Ms. Shalika T. Mrs. Saja Daniel, Mrs. Subi Joseph
Mrs. Josephy (Co-ordinator)

PROGRAMME SCHEDULE

8:30 to 10:30 a.m. Registration
(6 a.m. Inaugural Ceremony)

Welcome Speech - Sr. Pappayyan
(HOD, Department)

Inaugural Address - Dr. K.B. Ramesh Kumar
Presidential Address - Dr. Rajumon T. Mavunkal
(Principal)

Reflections - Rev. Fr. Joby Mathew (Manager)
Dr. Tony Joseph (HOD, Co-ordinator)

Topic: "PHYTOCHEMISTRY: Fascinating Chemistry of Plants"

11 a.m. Science Quiz

PRIZES

All prizes are sponsored by 1991-93 PRE-DEGREE BATCH ALUMNI OF ST. XAVIER'S COLLEGE VAIKOM

1 st 7000/-	2 nd 5000/-	3 rd 3000/-
------------------------	------------------------	------------------------



29. Webinar on Entrepreneurship Schemes by Government of Kerala - An Overview

On May 28, 2020, the Department of Commerce organized a webinar titled "Entrepreneurship Schemes by Government of Kerala - An Overview." The event aimed to provide participants with an in-depth understanding of the various entrepreneurship schemes offered by the Government of Kerala. With a total of 25 participants, the webinar served as an informative session, highlighting the support and opportunities available to budding entrepreneurs through government initiatives. Expert speakers detailed the processes, benefits, and eligibility criteria for these schemes, helping participants gain a comprehensive overview of the resources available to them for starting and growing their own businesses. This initiative by the Department of Commerce underscored its commitment to fostering entrepreneurial skills and knowledge among its community.



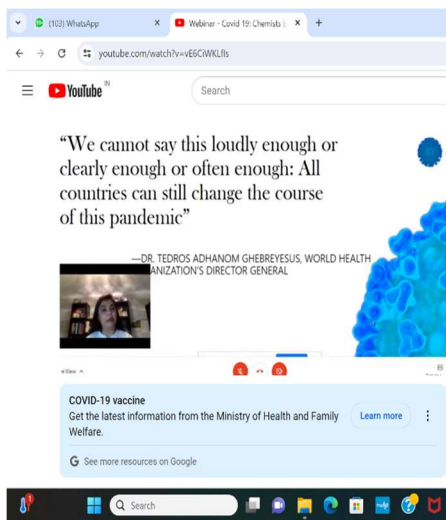
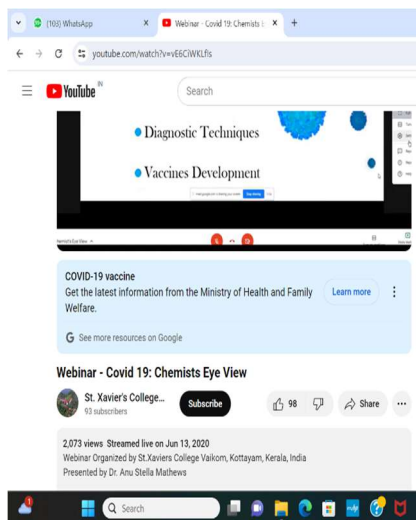
30. International webinar on “Covid -19: A chemist’s Eye view”

Department of Chemistry organized an International webinar on “Covid -19: A chemist’s Eye view” on 13 June 2020 at 11:00 AM to 1:00 PM (IST) to provide an awareness on the pandemic. The Resource Person was Dr. Anu Stella Mathew, Faculty, University Transfer, Portage College, Canada. She is also the CEO & Co-founder of Rasathantra Nanotech Innovations Inc. Alberta, Canada. About 840 academicians from various fields registered for this webinar. The event was conducted via Google Meet and streamed live through the YouTube channel of the department of Chemistry. The link to the programme is <https://youtu.be/vE6CiWKLfIs>, and received 2024 viewers so far.

The Webinar discussed mainly on the topics

1. The pandemic, the virus, the disease and the global effect
2. The chemistry of the pandemic
3. How chemistry contributes towards diagnostic and medicinal solutions for the pandemic.

The Webinar was coordinated by Subi Joseph, Saju Daniel and Sharika T under the guidance of the Head of the Department Prof. Payas Varghese.



ST. XAVIER'S COLLEGE VAIKOM
AFFILIATED TO MAHATMA GANDHI UNIVERSITY, KOTTAYAM, KERALA, INDIA

Department of Chemistry Presents
INTERNATIONAL WEBINAR ON
**COVID-19:
A CHEMIST'S
EYE VIEW**

www.stxavierscollegevaikom

JUNE 13 **11-1 (IST)**
AM PM

JOIN US AT

Free Registration
E-Certificates will be provided

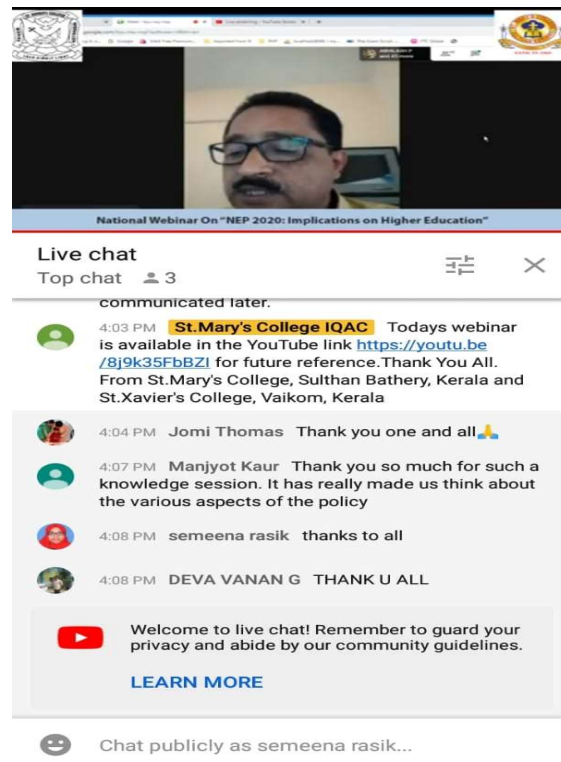
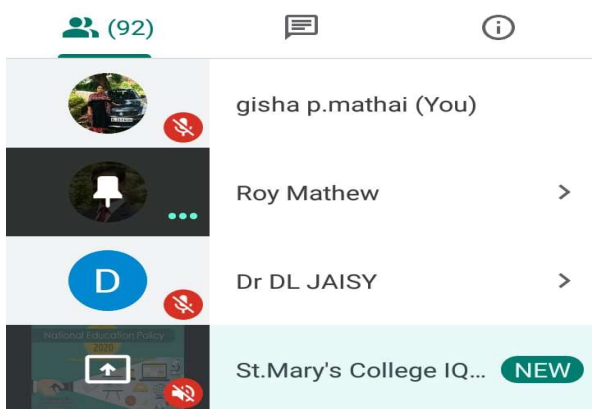
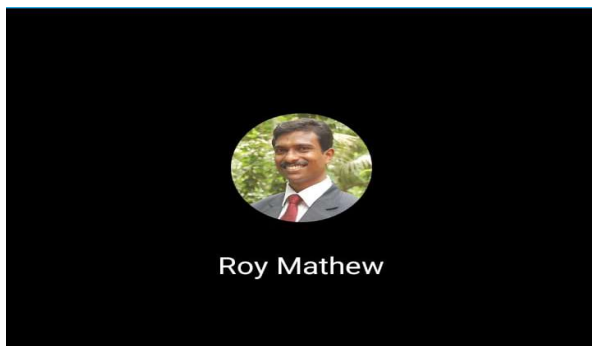
Dr. ANU STELLA MATHEWS
Faculty-University Transfer, Portage College, Canada,
CEO & Co-founder- Rasathantra NanoTech Innovations Inc,
Alberta, Canada

For more information
Email: chemstxaviersvkm@gmail.com
Ph: +91 9495734612, +91 9747232833



31. National Webinar on NEP

Two Day National Webinar on New Educational Policy 2020 was organized by the Dept of Political Science and IQAC of St. Xavier's College Vaikom and St. Mary's College Sulthan Bathery on "National Education Policy 2020 the platform- of Google Meet & Youtube Live on 20th and 21stOctober2020. There were 222 participants.



32. Seminar on Wetland Conservation

The Department of Forest and Wildlife, Government of Kerala, along with the Social Forestry Division, organized a seminar on Wetland Conservation on January 29, 2020, at the Media Room of St. Xavier's College, Vaikom. The event commenced at 10 A.M. with an invocation by students Athira and Vishnupriya. Satheesh Kumar K, Range Forest Officer of the Social Forestry Division in Kottayam, welcomed the gathering. Dr. G. Prasad, Assistant Conservator of Forests, delivered the presidential address, followed by a keynote address from Dr. Rajumon T Mavunkal, Principal of St. Xavier's College, Vaikom. The seminar received felicitations from Dr. Tomy Joseph, IQAC Co-ordinator, and featured a detailed lecture on "Wetland Conservation" by Dr. N. Unnikrishnan, Professor and Head of the Department of Botany at CMS College, Kottayam.

The seminar also included contributions from students, highlighting the practical and community-focused aspect of the event. Riya Roy, a student from Assumption College, Changanassery, presented an insightful essay on wetland conservation, showcasing the younger generation's engagement with environmental issues. The session concluded with remarks by Dr. K.J. Abraham, Head of the Department of Zoology, emphasizing the importance of ongoing efforts in wetland conservation. Kavya P.S, a third-year Zoology student, expressed gratitude to all participants and organizers in her vote of thanks, marking the end of a successful and enlightening seminar.



33. Seminar on the topic “Applications of NMR Spectroscopy”

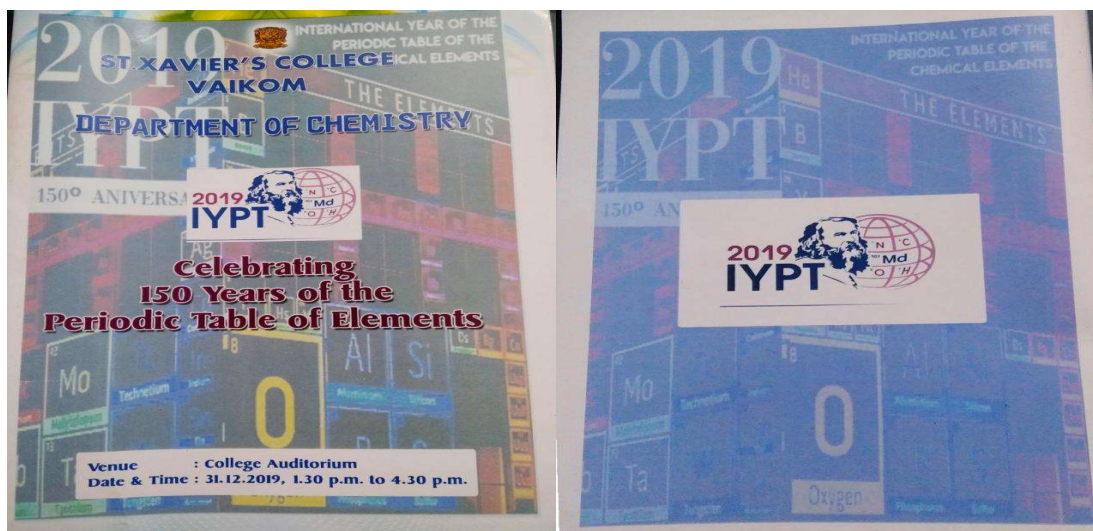
The activities of Chemistry association was inaugurated on 26/09/2019 by Dr.Sunil Kumar P.N (Scientist, NMR facility, M.G University) The meeting was presided by Sri. Rajumon T. Mavunkal (Principal). It was followed by a seminar on the topic “Applications of NMR Spectroscopy” by the Chief Guest. The number of participants was 90 which included students and faculty of this institution



34. International Year Of Periodic Table Celebration –IYPT 2019

Department of Chemistry, St. Xavier's College Vaikom, organized the celebration of International Year of periodic table of elements on 31st December 2019. The programme was inaugurated by Dr.Kuruvila Joseph (Professor and Dean, IIST, Thiruvananthapuram). Key note Address was delivered by Dr.Anas S. (Hon. Director, The advanced molecular material research centre; Assistant Professor, School of Chemical Sciences, Mahatma Gandhi University). This occasion was felicitated by Fr.Joshy Vezhapparambil (Manager); Dr. Tomy Joseph (IQAC Co-ordinator) &Ms. Sumol V Gopinath (Scientist, ISRO, Thiruvananthapuram). There was good interactive session of students with Dr.Kuruvila Joseph regarding the history of Periodic table. Also we conducted Quiz Competition, and Memory game based on elements in the periodic table for increasing the knowledge of students. Students from nearby schools were actively participated in these programme. Around 350 students were participated this programme.

This programme was organized as part of celebrating the 150th anniversary of the periodic table's creation by Mendeleev. The programme may bring the students attention to the importance of chemistry in our lives, increase their curiosity for science and also encourage their interest in attaining more knowledge regarding elements in periodic table.



35. Opportunities and Challenges of Journalism in the Era of New Media

As part of Association activities of Political Science and Journalism Departments ,an invited lecture was organized on 4 th September 2019 .The topic for the session was “Opportunities and Challenges of Journalism in the Era of New Media “.The session was led by renowned speaker Mr CN Prakash ,Head ,News 18 Kerala .He differentiated between both the main stream and online new media and exposed the opportunities of the new media .



36. Invited Lecture – “Breaking The Barrier -Responding To The Global Challenges Of Tourism”

The Department of Political Science, St Xaviers College Vaikom powered by In-depth communication New Delhi organized National Media Management Conference on “Communication Tourism : Media ,Soft Power & Management “ on 16 th November 2019 .As part of this Conference an invited lecture session on the topic “Breaking the barrier -responding to the global challenges of tourism” was organized. The chief resource person for this session was Dr Toney K Thomas .Dr Toney shared his insights about the global challenges faced by the tourism sector .He also highlighted about the significance of India with special reference to Kerala on the tourism map of the world. Dr Toney also commented on the significance of geographical indicators in tourism industry.



37. Workshop on Online verification and fact- checking

The Department of Political Science ,St Xaviers College Vaikom powered by In-depth communication New Delhi organized National Media Management Conference on “Communication Tourism : Media ,Soft Power & Management “ on 16 th November 2019 .As part of this Conference a Workshop on Online Verification and Fact Checking was conducted by Mr Muralidharan AK ,Trainer ,Google News /Assistant News Editor ,Times Internet .



38. District Level Media Workshop

A one day District Level Media Camp (workshop) was organized in our college, as a joint venture of Dept.of Political Science and Kerala State Youth Welfare Board on 23 Jan 2019.The Camp was inaugurated by Mr. K. A Francis, Editor, Malayala Manorama Weekly. Mrs.Sreelekha, District Youth Programme Officer welcomed the gathering and Sri. Santhosh Kala, Member, Youth Welfare Board made the introductory remarks. Sri Praveen Kumar S.G., member, Youth Welfare Board explained the plan. Adv. K.K Renjith, member of District Panchayat, Mr. Midhun K Dist Coordinator, Asst. Professors Roy Mathew, Parvathi Chandran and Ancy Davis V felicitated on the occasion. Mr. Binu Chandran, Nava Madhyama Coordinator delivered vote of thanks.

The first session after the inaugural function was on Print Media. It was led by Mrs. Saritha Krishnan, Janayugam Daily and joint secretary of press club. The second session was on Visual Media led by Mr. T.P. Prasanth, Bureau Chief, Kairali T.V. The third session was on New Media. It was led by Raju Anikadu, Bureau Chief, Surya T.V, Digital. At the end there was a discussion on 'The Role of Media in the Era of Communal Polarization'. Certificates were issued to the participants by Mr. P. Sasidharan, Chairman, Bureau Chief, Desabhimani, Vaikom.



39. A session on positive attitude development and personal effectiveness

The Department of Zoology organized a session on Positive Attitude Development and Personal Effectiveness for the academic year 2018-19. This insightful session aimed to equip students with the necessary skills to develop a positive mindset and enhance their personal effectiveness in various aspects of life. Attended by 30 students, the session emphasized the importance of maintaining a positive attitude and provided practical strategies for personal growth and self-improvement.

Throughout the session, students engaged in interactive discussions and activities designed to foster a positive outlook and improve their personal effectiveness. The program highlighted key concepts such as goal setting, time management, and effective communication. By the end of the session, participants gained valuable insights and tools to implement in their daily lives, contributing to their overall personal and professional development.





40. One day seminar on " Human Rights: Challenges and Prospects"

The Dept of Political Science, St. Xavier's College, Vaikom in association with Taluk Legal Service Committee, Vaikom organised a one day seminar on " Human Rights: Challenges and Prospects" at St. Xavier's College, Vaikom on 10 December 2018 as part of "Niyamavabodham2018".

Sridip Nambiar, Assistant Professor, Sree Narayana Law College, Poothotta inaugurated the seminar and took a session on Right to Privacy and Right to Equality in the light of recent Supreme Court judgments. Mr Roy Mathew, Asst. Professor, Dept of Political Science took a session on the concept of Human Rights. Mr. Abhilash T.G. Asst. Professor, CSI College for Legal Studies, Kottayam took a session on Constitutional and Legal provisions regarding various aspects of Human Rights. Mr. Abhilash V, secretary, Taluk Legal Service Committee, Vaikom, took a session on the services of Legal Service Authority, PIL, Judicial Activism and the logic of free legal aid. Dr. Rajumon T. Mavunkal presided over the meeting. Mr. Bibu V.N, delivered welcome address and Ms. Parvathi Chandran delivered vote of thanks.

41. Seminar on GST and Career Counselling

On October 4, 2018, the Department of Commerce organized a Seminar on GST and Career Counselling, attended by 24 participants. The seminar provided an in-depth understanding of Goods and Services Tax (GST), including its framework, regulations, and impact on various sectors. It also offered valuable career guidance, helping participants explore career opportunities and necessary skills in the evolving economic landscape.

The event was well-received, with attendees appreciating the informative sessions and the interactive Q&A segment. Overall, the seminar effectively met its objectives and provided meaningful insights for both academic and professional development.



42. Research Methodology Workshop For Life Science Students

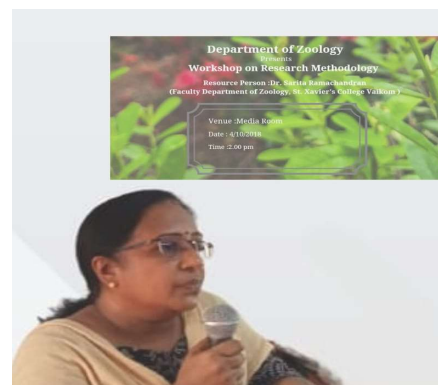
Date: 4.10.2018

The Research Methodology workshop was tailor-made to facilitate the academic requirements of the under-Graduate student community of St. Xavier's College Vaikom with special emphasis on Life Sciences. The one-day workshop was conceptualised with the intention of knowledge-building on the fundamentals of research concepts, methodologies and processes. 21 participants attended the workshop. The course was designed to teach students the principles and techniques used in conducting research studies. The topics covered in this include:

1. Research design: This includes the selection of research methods and the development of research questions and hypotheses.
2. Sampling techniques: This includes the selection of participants for a study and the strategies used to ensure that the sample is representative of the population being studied.
3. Data collection: This includes the use of various methods for collecting data, such as surveys, interviews, and observation.
4. Data analysis: This includes the use of statistical methods to analyse data and draw conclusions.
5. Ethics in research: This includes ethical considerations in conducting research, such as ensuring participant confidentiality and obtaining informed consent.

Overall, this workshop aimed to provide students with the skills and knowledge necessary to conduct rigorous and ethical research studies. A special emphasis was given on designing the research methodology for biodiversity assessment studies.

The participants were also given a preliminary training on how to write a research paper and get it published in peer reviewed journals. The workshop was concluded with a question answer session and feedback from a few participants.





3

Workshop on Research Methodology.

Organiser :- Department of Zoology

Date :- 4/10/2018

Venue :- Media Room

Resource Person :- Dr. Srija Ramachandran
Faculty of Zoology

Sl.No.	Name	Department	Signature
1	Abhijith Asokan	Department of Zoology	Abhijith
2	Akhila Shaji	Department of Zoology	Akhila
3	Athulya V.A	Department of Zoology	Athulya
4	Divya T.D	Department of Zoology	Divya
5	Mehini M.B	Department of Zoology	Mehini
6	Nimmy Thomas	Department of Zoology	Nimmy
7	Niyandol Benischaran	Department of Zoology	Niyandol
8	Aju Praadeep	Department of Zoology	Aju
9	Akash Krishna	Department of Zoology	Akash
10	Anoop P.A	Department of Zoology	Anoop
11	Anshad Noushad	Department of Zoology	Anshad
12	Anubh N.S	Department of Zoology	Anubh
13	Aswathi K.m	Department of Zoology	Aswathi
14	Aswathi S	Department of Zoology	Aswathi
15	Athira T.V	Department of Zoology	Athira
16	Devikrishna K.K.	Department of Zoology	Devikrishna
17	Jijo P.J	Department of Zoology	Jijo
18	Karuna S. Muzhikan	Department of Zoology	Karuna
19	Poonendhu V.S	Department of Zoology	Poonendhu
20	Sanilkumar T.S	Department of Zoology	Sanilkumar
21	Sarathraj K.S	Department of Zoology	Sarathraj
22	Sheenamol K.H	Department of Zoology	Sheenamol
23	Vinsetta Thomas	Department of Zoology	Vinsetta
24	Abirsa Mathew	Department of Zoology	Abirsa



43. Workshop on Research Methodology

Department of chemistry organized a one day workshop on 5/11/2018 to cater to the needs of undergraduate students of chemistry .It included 3 sessions which were led by three different faculty members of department of chemistry .The first session was delivered by Subi Joseph (Faculty ,Department of Chemistry) & the topic of the session included epistemology & nature of science .The second session on literature survey & methodology of the research process was handled by Saju Daniel (Faculty ,Department of Chemistry) .Ms Saju Daniel also included hands on training session in lab explaining the procedures of research in chemistry. The concluding session was handled by Ms Sharika T(Faculty, Department of Chemistry).Her lecture focused on the aspects of scientific writing ,ethics in research & publication & intellectual property rights.



Workshop on Research Methodology

Organizer :- Department of Chemistry

Date :- 5-11-2018

Venue :- Chemistry lab

Resource person :- Ms. Subi Joseph, Saja Daniel, Sharika T
Faculty of Chemistry

Sl. No	Name	Department	Signature
1	Abhisam . S	Department of chemistry	
2	Abin Ajayaghosh	Department of chemistry	
3	Akhilamol . E.V	Department of chemistry	
4	Apa . M.A	Department of chemistry	
5	Aswathy . A	Department of chemistry	
6	Indhu Dayan	Department of Chemistry	
7	Jeju . N.G	Department of chemistry	
8	Joshna Johny	Department of Chemistry	
9	Kirana Kumara K.K	Department of chemistry	
10	Nisi . K. Sa theesh	Department of Chemistry	
11	Southy mol N.S	Department of chemistry	
12	Sumithra Devi . M.P	Department of Chemistry	
13	Anjitha . T.S	Department of chemistry	
14	Anjusha . Ashokan	Department of chemistry	
15	Charishma Eisa Christo	Department of chemistry	
16	Joshy George	Department of Chemistry	
17	Lin Ea Mary Joseph	Department of chemistry	
18	Manju Manoharan	Department of Chemistry.	
19	Midhun . Rajendran	Department of Chemistry.	



44. **Research Methodology workshop for students of Political Science**

A one-day research methodology workshop was organised by Department of Political Science and Journalism on 28.10.2018. Ms. Parvathi Chandran, Faculty of Journalism was the chief resource person. The objective of the workshop was to enlighten the students about quantitative and qualitative methods of research. An overview of different types of research methodologies were also provided with suitable examples from the field such as:

1. **Quantitative Research:** This type of research methodology involves collecting and analysing numerical data using statistical techniques. It typically uses surveys, experiments, and other structured methods to gather data.
2. **Qualitative Research:** This type of research methodology involves collecting and analyzing non-numerical data, such as text, images, or video. It typically uses methods such as interviews, focus groups, and ethnographic observation to gather data.
3. **Mixed-Methods Research:** This type of research methodology combines quantitative and qualitative methods in order to gain a more comprehensive understanding of a research question. It involves using both numerical and non-numerical data to gain insights.
4. **Action Research:** This type of research methodology is used to solve a specific problem or improve a situation within a particular context. It involves collaborating with stakeholders and using a cyclical process of planning, acting, observing, and reflecting to make iterative improvements.
5. **Case Study Research:** This type of research methodology involves studying a specific case or phenomenon in depth, often in a real-world context. It typically involves using multiple sources of data, such as interviews, documents, and observations.
6. **Experimental Research:** This type of research methodology involves manipulating one or more variables in a controlled environment in order to observe the effects on another variable. It typically involves randomly assigning participants to different conditions and using statistical analysis to determine the effects.



7. Survey Research: This type of research methodology involves collecting data from a sample of individuals using standardized questionnaires or interviews. It is often used to gather information about attitudes, beliefs, behaviours, and characteristics of a population.

The students were instructed to choose a suitable research method based on the aims of their study and present a report at the end. The students were also given training on how to write a research proposal and a research paper. The session was concluded with a question-answer session.



Workshop on Research Methodology
 Organizer :- Dept. of Political Science & Journalism
 Date :- 28/10/2018
 Venue :- Media room
 Resource Person :- Parvathi Chandran

Sl. No.	Name	Department	Signature
1	Amaranath. T.S	Department of Political Science	Amaranath
2	Aparna. M.R	Department of Political Science	Aparna
3	Aswathy. M.V	Department of Political Science	Aswathy
4	Chopika. PP	Department of political science	Chopika
5	Harisankar. M	Department of political science	Harisankar
6	Abin Baiju	Department of political science	Abin Baiju
7	Adith K.P	Department of political science	Adith K.P
8	Ajay. K.S	Department of political science	Ajay K.S
9	Ajithlal. N.S	Department of political science	Ajithlal
10	Akash Ashokan	Department of political science	Akash
11	Akhil. Sasi	Department of political science	Akhil
12	Alex. K.V	Department of political science	Alex
13	Ananthu. A.P	Department of political science	Ananthu
14	Aneasha. M.A	Department of political science	Aneasha
15	Anjali. K.P	Department of political science	Anjali
16	Anna Ashmi T.A	Department of political science	Anna Ashmi
17	Anusree Lal	Department of political science	Anusree
18	Arathi Remeshan	Department of political science	Arathi
19	Ashwathi Kamalashan	Department of political science	Ashwathi
20	Arthira Manu.	Department of political science	Arthira



Gimson

Principal

Prof. (Dr.) Gimson D. Parambil

Principal

St. Xavier's College Vaikom

Kothavara P.O - 686607