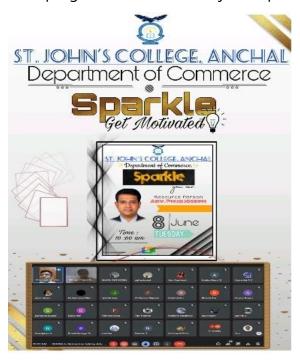
ST. JOHN'S COLLEGE, ANCHAL

ANNUAL REPORT 2021-2022

 Department of Political Science in association with IIPA-KRB (Indian Institute of Public Administration, Kerala Regional Branch) conducted a webinar on New-Age Governance in the Time of Covid Pandemic: The Emerging Relevance Of Umang on 26 May 2021.



2. Entrepreneurship Development Club of our college along with Department of Commerce conducted a webinar on "Sparkle: Get Motivated" on 08 June 2021. The resource person for the programme was Adv. Phijo Joseph.



 Entrepreneurship Development Club (ED) and Department of Commerce of our college together inaugurated ED Club and organized an Entrepreneurial Talk on 06 August 2021. Mr Dinesh R, Deputy Director Manager, DIC Kollam was the spokesperson on the day.

Sta John's College, Anchal
Department of Commerce

ED CLUB InauGuration

Entrepreneurial Talk
Organized by
Department Of Commerce in collaboration with
Entrepreneurship Development Club

AUGUST 08
PTOGFAMME SCHEDULE

Welcome
Presidential Address: Fr, Johnson G (Principal, St, John's College, Anchal)
Inaugural Address: Fr, Johnson G (Principal, St, John's College, Anchal)
Inaugural Address: Tip Suby Varylese (Nat. Fred Department of Commerce)
Prelicitation
Felicitation
Anu Varylese (Nat. Fred Department of Commerce)
Vote of Thanks

Jone Joseph (Ass. Pred. Department of Commerce)

Jone Joseph (Ass. Pred. Department of Commerce)



4. Department of Commerce and Entrepreneurship Development Club of our college conducted a special talk on "Life Skills" on 14 August 2021. Johns K Lukose, Director, BVET Kollam was the resource person for the programme.



5. The SJC Oratory Training Club virtually inaugurated Eloquentia 2021-22 (SJC Oratory Training Programme), Morning Assembly on 16 August 2021.



- 6. Department of Commerce organised a webinar on Financial Awareness on 10 September 2021 in association with APEX Academy, Kochi. Mr Manoj T Neelakandan, Ex-AGM-IDBI Bank, BFSI Trainer, RP-IICA, SMART-SEBI led the session.
- 7. Entrepreneurship Development Club (ED) and Department of Commerce of our college organised a webinar on "How To Think Like An Entrepreneur" by Mr Jacob Baby, NVT Commerce, GVHSS Muttara, Kottarakkara on 17 September 2021.



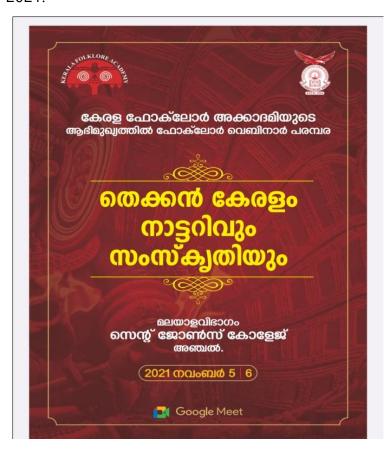
8. ED Club in collaboration with Department of Commerce conducted a webinar on "Opportunities in Agricultural Entrepreneurship" on 24 September 2021. Ms Julie Alex, Agricultural Officer, Krishi Bhavan, Karavaloor took the session on the day.



- 9. On 10 October 2021, Sports club of our college organized a talk on Health Benefits of Exercise by Ms Shinomol I, Runnar, ITen Club, Thiruvananthapuram in the field of sports medicine and exercise physiology at Mar Gregorios Auditorium.
- 10. A webinar on Achieve Your Dreams was organized by the Department of Commerce on 23 October 2021. Dr T Abraham (HOD, Department of Computer Science, Bharat Matha College, Kochi) and Dr Swapna K Cherian (Assistant Professor, Department of Commerce, MSM College, Kayamkulam).



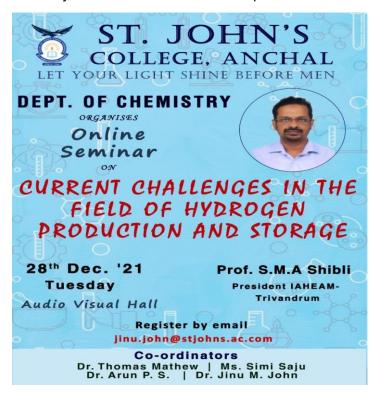
11. Department of Malayalam in collaboration with Kerala Folklore Academy organised Folklore Webinar Series "Folklore and Culture of Southern Kerala" from 05-06 November 2021.



12. Under the auspices of Department of Environmental Science, a seminar was conducted from 27- 31 December 2021 on "Hands on Training and Workshop on Geographic Information System and Remote Sensing".



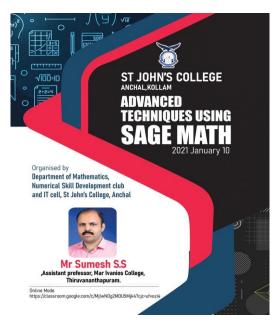
13. The Department of Chemistry, St. John's College, Anchal organized one day online seminar regarding "Current Challenges in the Field of Hydrogen Production and Storage" on 28 December, 2021. The expert speaker for the programme was Prof. Dr. S. M. A. Shibili, Professor in Chemistry, Department of Chemistry, University of Kerala, Thiruvananthapuram.



14. On 28 December 2021, Department of Chemistry hosted a school level debate competition, HEAM Parliamentarian 2021 in an online mode, supported by Star College Scheme of DBT, Govt. of India.



15. Department of Mathematics, Numerical Skill Development Club and IT cell of our college organized an online seminar on SageMath, a powerful open source mathematics software system that combines various mathematics packages into a common Python interface on 10 January 2022. Mr Sumesh S S, Assistant Professor, Mar Ivanios College, Thiruvananthapuram was the resource person for the programme.



16. PG Department of Environmental Science, St John's College, Anchal organized a webinar/ workshop (Urjakiran-Urja Karya Seshiyum Urja Samrakshanavum) on energy conservation and efficiency under Urja Kiran Scheme on 12 January 2022.



17. UGC- Nehru Studies Centre, University of Kerala in association with Department of Political Science and Public Administration conducted a lecture series on "The making of a Modern Nation: Revisiting Nehruvian Legacies by Dr Arun Kumar, Assistant Professor, Department of Political Science, University of Kerala on 30 March 2022. Dr Raju G, Associate professor, Department of Commerce, Govt College for Women was the resource person for the programme.



18. Energy audit was conducted in the college during the academic year 2021-'22.

Achievements

- Dr Thomas Mathew, Assistant Professor, Department of Chemistry and Recognized Research Guide, University of Kerala achieved (Internationally); HRSMC fellowship sponsored by Holland Research School of Molecular Chemistry (HRSMC) to conduct research at University of Amsterdam, The Netherlands (01 February 2022 to 30 April 2022)
- 2. Dr Anu Varghese, Assistant Professor, Department of Commerce achieved National Service Scheme (NSS) award, 2021-'22 in recognition of exemplary service.

- 3. Ms Rashmi S Pillai, Assistant Professor, Department of English achieved Mahatma Jyotiba Phule Fellowship National Award (Teaching) awarded by Bharatiya Dalit Sahithya Akademi in recognition of the Commendable Literary, Social and Cultural services rendered for the Upliftment of Downtrodden-Oppressed and and Depressed people of the country.
- 4. Our college was appreciated for exemplary service in NSS (National Service Scheme), 2021-'22.
- 5. Our college has been awarded Best Institution in SD/SW Category of Kollam group as well as 9k Bn NCC in the year 2021-'22
- 6. Akshay U, Alumni of our college (B.Sc Botany) achieved Fulbright Scholarship which was sanctioned in the year 2021-'22.

Add on Course

- Add on Course on "Teaching in English" gives lessons in understanding of teaching English in Class rooms and the ICT tools that can be made use of by Department of English.
- 2. Add on Course on "Film Studies," organized by the Department of Malayalam
- 3. Add on Course on "Introduction to Nano Materials." by Department of Physics

List of students qualified for the State/National/International Examinations

SI No.	Name of Student	Name of Examination	Subject
1	Syamkumar S	UGC-NET	Chemistry
2	Arathy Chandran	GATE	Chemistry
3	Hari Krishnan S	CMAT	Mathematics
4	Alwin	JAM	Physics
5	Akshay U	Fulbright Scholarship	Botany

Faculty Development Programme (2021-2022)

SI. No.	Name of the Programme	No. of teachers participated
1	Orientation Programme	
2	Refresher Course	22
3	Short Term Course / Other Career Advancement Programme	

Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
Dr Anila George	Assistant Professor, Department of Environmental Science	Two-Week Refresher on Advanced Research methodology	17-06-2021 to 01-07-2021
Dr Benzon K B	Assistant Professor, Department of Physics	One Month Online Faculty Induction Programme (Guru- Daksha)	12-07-2021 to 10-08-2021
Vinod L	Assistant Professor, Department of Malayalam	National Level Short term/ Professional Enhancement Course on "Performance Making"	15-07-2021 to 24-07-2021
Dr Deepa Mary Joseph	Assistant Professor, Department of Malayalam	Short term Faculty Development Programme "Digital Technologies for E-Learning"	05-08-2021 to 11-08-2021
Dr Kavitha C H	Assistant Professor, Department of Botany	"Managing Online Classes & Co- creating MOOCS 7.0	05-08-2021 to 19-08-2021
Dr Dhanya Johnson	Assistant Professor, Department of English	Four-week Induction /Orientation Programme for 'Faculty in Universities/Colleges/Institutes of Higher Education'	21-08-2021 to 19-09-2021
Dr Brilliant Rajan	Assistant Professor, Department of Environmental Science	FDP - National Level 7-Day Faculty Development Programme on Accreditation Framework, Internal Quality Assurance Cell of Christ Nagar College, Maranalloor, Trivandrum	31-08-2021 to 07-09-2021
Dr Nisha Thomas	Associate Professor, Department of Zoology	National level- 7-Day FDP on Accreditation Framework	31-08-2021 to 07-09-2021
Dr Ronie Thomas	Assistant Professor, Department of Political Science & Public Administration	National Level 7-Day Faculty Development Programme on Accreditation Framework	31-08-2021 to 07-09-2021
Sonu L Johnson	Assistant Professor, Department of Malayalam	National Level 7-Day Faculty Development Programme on Accreditation Framework	31-08-2021 to 07-09-2021
Dr Sunitha Grace Zacharia	Assistant Professor, Department of Mathematics	FDP on Accreditation Framework	31-08-2021 to 07-09-2021
Thomas Mohan	Assistant Professor, Department of Political Science & Public Administration	KSHEC Sponsored One-Week FDP in Learning Management System (Moodle) and Course Design	01-09-2021 to 06-09-2021
Dr Dhanya Ramachandran	Assistant Professor, Department of Mathematics	Managing Online classes & Co- creating MOOCS 8.0	04-09-2021 to 18-09-2021
Dr Sunitha Grace Zacharia	Assistant Professor, Department of Mathematics	Managing Online Classes & Co- creating MOOCS 8.0	04-09-2021 to 18-09-2021
Dr Jiji S G	Assistant Professor, Department of Physics	UGC Sponsored Live Online Induction Programme	06-09-2021 to 05-10-2021
Dr Dilip D S	Assistant Professor, Department of Mathematics	Refresher Course in Mathematical Science (Mathematics, Statistics)	20-10-2021 to 02-11-2021

Dr Benzon K B	Assistant Professor, Department of Physics	Online Two-Week Refresher Course in "PHYSICS"	27-10-2021 to 10-11-2021
Dr Praveen S G	Assistant Professor, Department of Physics	Online Two-Week Refresher Course in "PHYSICS"	27-10-2021 to 10-11-2021
Dr Dhanya Johnson	Assistant Professor, Department of English	UGC-Sponsored Refresher Course in English Language and Literature	23-11-2021 to 06-12-2021
Gouri Nair S	Assistant Professor, Department of Political Science & Public Administration	Two-Week Interdisciplinary Refresher Course on 'Research Methodology'	22-12-2021 to 05-01-2022
Dr. Josin C Tharian	Assistant Professor, Department of Zoology	Online Two-Week Interdisciplinary REFRESHER COURSE on "Research Methodology"	22-12-2021 to 05-01-2022
Dr Kaladevi V	Assistant Professor, Department of Environmental Science	Two-Week Refresher Course on Environment and Human Health	28-03-2022 to 11-04-2022

Research Publications during the Academic Year 2021-2022

Title of the Paper	Name of author/s	Department of the teacher	Name of the Journal	Calendar Year of Publication
Simultaneous SERS detection using hexagonal hollow Au-Ag nanoparticles	C.R. Rekha , S.G. Jiji , V.U. Nayar , K.G. Gopchandran	Physics	Vibrational Spectroscopy	2021
A Simple Synthesis Method for Growing Single Crystals of a Copper Coordination Polymer [Cu(C ₂ O ₄)(4-aminopyridine) ₂ (H ₂ O)] _n , and its Theoretical and Physical Properties Studies	George Mathew, Sebastian Francis, Neeraj Kumar Rajak, Sarojini Gopinathan Praveen,	Physics	Crystal Research Technology	2021
Seasonal influence of soil properties on population density of BILOBELLA BRAUNERAE (DHERVANG 1981)- (COLLEMBOLA: NEANURIDAE) in Grass land of Southern Western Ghats	Nisha Thomas and M.G. Sanal Kumar	Zoology	UTTAR PRADESH JOURNAL OF ZOOLOGY	2021
Developmental Stages of Female Reproductive System in Banana Stem Weevil (Odoiporus longicollis) (Coleoptera: Curculionidae)	Anupriya Samuel, Nisha Thomas and Leenamma Joseph	Zoology	UTTAR PRADESH JOURNAL OF ZOOLOGY	2021
Distribution of alien invasive species in aquatic ecosystems of the southern Western Ghats, India	Smrithy Raj, Pranav Prakash, Rajesh Reghunath, Josin C. Tharian, Rajeev Raghavan & Appukuttan nair Biju Kumar	Zoology	Aquatic Ecosystem Health & Management	2021

Principal component analysis of the Phytoplankton interaction with the Environmental factors in Kottakayal (Kerala, India)	Jensy Roshan F. and Sreejai R	Zoology	Ecology Environment and Conservation	2021
Illegal and unmanaged aquaculture, unregulated fisheries and extreme climatic events combine to trigger invasions in a global biodiversity hotspot	Smrithy Raj, A. Biju Kumar, Josin Tharian & Rajeev Raghavan	Zoology	Biological Invasions	2021
Understanding Transliteration and Translation in The Goddess of Revenge	DHANYA JOHNSON	English	Translation Today	2021
Simultaneous SERS detection using hexagonal hollow Au-Ag nanoparticles	C.R. Rekha , S.G. Jiji , V.U. Nayar , K.G. Gopchandran	Physics	Vibrational Spectroscopy	2021
Polyvinylpyrrolidone- Stabilized Palladium Nanocrystals as Chemiresistive Sensors for Low-Concentration Hydrogen Gas Detection	Christina E. Antony,# Gaana K.,# Praveen S. G., Adithya Jayakumar, Akshay Yadav, Nikhil S. Sivakumar,	Physics	Applied Nano Materials	2021
Rectangular p Periodicity and pqPeriodicity of a Rational Difference System	D.S.Dilip and Sibi C Babu	Mathematics	Examples and Counterexamples	2021
Dynamics of a Second Order Nonlinear Difference System with Exponents	D.S.Dilip and Smitha Mary Mathew	Mathematics	Journal of the Egyptian Mathematical Society	2021
Stability Analysis of a Time Varying Population Model Without Migration	D.S.Dilip and Smitha Mary Mathew	Mathematics	Journal of Difference Equations and Applications	2021
Simultaneous SERS detection using hexagonal hollow Au-Ag nanoparticles with near infrared plasmon	C.R. Rekha, S.G. Jiji , V.U. Nayar, & K.G. Gopchandran	Physics	Vibrational Spectroscopy	2021
Rectangular p Periodicity and pqPeriodicity of a Rational Difference System	D.S.Dilip and Sibi C Babu	Mathematics	Examples and Counterexamples	2021
Dynamics of a Second Order Nonlinear Difference System with Exponents	D.S.Dilip and Smitha Mary Mathew	Mathematics	Journal of the Egyptian Mathematical Society	2021
Stability Analysis of a Time Varying Population Model Without Migration	D.S.Dilip and Smitha Mary Mathew	Mathematics	Journal of Difference Equations and Applications	2021

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings by faculties

SI No	Name of Teacher	Depart-ment	Title of the book/chapters published	Title of the paper	Name of Publisher
1	Dr Praveen S G	Physics	Nano Tools and Devices for Enhanced Renewable	Describing nanoclusters as the way forward for hydrogen economy using Pd nanoclusters as a base.	Elsevier
2	Dr Thomas Mathew	Chemistry	Engineering Solutions for CO2 Conversion	Survey of Heterogeneous Catalysts for the CO2 Reduction to CO via Reverse Water Gas Shift	Wiley VCH Verlag GmbH & Co. KGaA.
3	Dr Anila George	Environmental Science	Impact of Climate Change: Biodiversity and Environment	Current Status of Water Resources in Kerala	Associated Publishing Company, New Delhi
4	Dr Anu Varghese	Commerce	Consumer Behaviour	Steaming Services- Consumers' preference towards online video streaming in Kollam district.	Wizcraft Publications & Distribution
5	Dr Deepa Mary Joseph	Malayalam	Nighandukkalile Samoohikathayum Adikaravum		State Institute of Languages, Tvm
6	Mr Shijo V Varghese	Malayalam	Land Rover		Lipi Publications
7	Dr Anila George	Environmental Science	Environment	Water Quality Assessment of Selected sites of Ithikkara River of Kollam District, with Special Reference to Bacteriology	Associated Publishing Company
8	Dr Alexander T	Environmental Science	Marine Debris: Problem and Management	Foraging and Migratory Aspects of Marine and Backwater Fishes: A Case Study	Chintha Publishers
9	Dr Brilliant Rajan	Environmental Science		Environmental Impact of Coastal Tourism in South India	Chintha Publishers
10	Dr Ronie Thomas	Political Science	Battling the Prejudice: Unfurling the Menace to Human Rights	Communication Rights During Covid-19- An Indian Experiments	Indus Scrolls Press
11	Dr Nisha Thomas	Zoology	Impact of Climate Change: Biodiversity and Environment	Physio-chemical Parameters of Social during various seasons in grassland habitat of Southern Kerala	Associated Publishing Company
12	Dr Anila George	Environmental Science	Environmental and Sustainable Development through Forestry and other Resources	Chlorine Status and Drinking Water Quality Monitoring within a Public Distribution System of Kollam District	CRC Press

13	Ms Simi Saju	Chemistry	Engineering Solutions for CO2 Conversion	Catalysts for the CO ₂	Wiley VCH Verlag GmbH & Co. KGaA.
14	Dr Kaladevi V	Environmental Science	Impact of Climate Change: Biodiversity and Environment	Amendments Inoculated with	Associated Publishing Company
15	Dr Anila George	Science	Impact of Climate Change: Biodiversity and Environment		Associated Publishing Company, New Delhi
16	Dr Jensy Roshan F	Zoology		Kottakkayal Wetland of South Kerala	Associated Publishing Company, New Delhi
17	Dr Kaladevi V	Science	Impact of Climate Change: Biodiversity and Environment	Planktonic Diversity of Gangayaar Stream with	Associated Publishing Company, New Delhi
18	Ms Rashmi S Pillai	English	Psychosocial Perspectives in Literature, Media and Culture	Contesting Liminal Spaces: A study on Select Women's Narratives from Tibet and Bhutan	Authors Press
19	Dr Alexander T	Science	Impact of Climate Change:Biodiversity and Environment	Selected Areas under Kuttanad Wetland Region	Associated Publishing Company, New Delhi
20	Dr Brilliant Rajan	Science	Impact of Climate Change:Biodiversity and Environment	Characteristics of Groundwater Samples of	Associated Publishing Company, New Delhi
21	Dr Jensy Roshan F	Zoology	Impact of Climate Change:Biodiversity and Environment	Diversity and Distribution of Ephemeroptera Larvae in the Post - Monsoon Season from Achencovil river, Kerala	Publishing
22	Dr Jensy Roshan F	Zoology	Impact of Climate Change: Biodiversity and Environment	Changes with the Help of	Associated Publishing Company, New Delhi
23	Dr Kaladevi V	Science	Impact of Climate Change: Biodiversity and Environment	Amendments Inoculated with Trichoderma Fungal	Associated Publishing Company, New Delhi

National Service Scheme (NSS)

- 1. On July 19, 2021 the NSS volunteers visited the Anganavadi at Alencherry and cleaned the Anganawadi.
- 2. Under the "Kaithang" program (share a meal), NSS Unit of St. John's College organized a heart-warming initiative in which 100 volunteers came together to share a meal with patients at the Government Hospital in Anchal.
- 3. The NSS day Programmes were conducted through Google meet on 24-25 September 2021 with great vehemence and enthusiasm. A cycle rally with an objective of "Let's save the fuel together, it's time to switch to green" was also arranged as part of the programme.
- 4. NSS Unit of our college observed Indian Air force day on 08 October 2021.
- 5. A Cyber law awareness programme was organized on 16 October 2021 as part of 75th Independence Day Celebration Programme named "Azadi Ka Amruth Mahotsav" with the assistance of the National Legal Service Authority, District Legal Service Committee, Pathanapuram, and the NSS unit of St.John's College, Anchal.
- 6. NSS unit of our college took initiative for Palliative Care Programmes dated 19/27 November 2021 to 08 December 2021 and 20-23January 2022.
- 7. Oppam- Seven Day Special Camp (NSS) was conducted in the college from 21-28 December 2021.
- 8. As part of National Youth Day, a skill development programme for women was conducted on 12 January 2022 in the college auditorium.
- 9. As part of NSS Covid Warriors Kerala programme by the State, NSS Cell volunteers were deployed in Govt. PHC Anchal from 04 to 10 February 2022.
- 10.On 17 February 2022, NSS unit of St. John's College, Anchal organized a blood donation camp in collaboration with St. Joseph's Mission Hospital, Anchal.
- 11. As part of Stand With Her-International Women's Day, three days prolonged activities was organized by the NSS unit of our college dated 03-08 March 2022.

National Cadet Corps (NCC)

- 1. On the 73rd raising day of NCC, Our unit has conducted a Health Run and a Blood Donation camp on 28 November 2021.
- 2. An orientation programme was conducted under the guidance of NDA cadet Kashyap on 11 December 2021. The main objective of class is to help the cadets about how to prepare for the SSB interview.
- 3. As part of celebrating NCC National Youth Festival, NCC unit of our college conducted different programmes under the guidance of our Principal on 12 January 2022. The cadets done a Morning walk from college followed by Yoga.
- 4. When the whole country celebrated 73rd Republic Day of the nation, NCC unit of our college remember the day with great pride under limited arrangements.



PRINCIPAL St. Jehn's College Anchal-691306