

SREE AYYAPPA COLLEGE

Eramallikkara, Chengannur, Alappuzha District, Kerala

(Managed by Travancore Devaswom Board, Thiruvananthapuram)

Govt. Aided College, Affiliated to the University of Kerala

Established in 1995, NAAC Accredited with 'B' Grade

website : www.sreeayyappacollege.ac.in

Phone : 0479 2427615



SACSCAN The ANNUAL NEWSLETTER (2021-2022)

CAMPUS PLACEMENT (2021 - 2022)
M.Sc. Computer Science

Devika
INFOSYS
Anoop P Raj
INFOSYS
Anusha M
TCS
Frincy Francis
ORION INDIA Pvt. Ltd.
B.Sc. Computer Science

Sarika K S
INFOSYS
Lekshmi S Pillai
MOZANTA Pvt. Ltd.
Lavanya R P
NXTBIT Tech. Pvt. Ltd.
Vrinda S
NXTBIT Tech. Pvt. Ltd.

First Rank
University
of Kerala

SARIKA K S
B.Sc. Computer Sci
(2019 - 2022)

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COURSES OFFERED

UG COURSES

B.Sc. / B.Com (Full Time : 3 Years)

B.Sc. Computer Science

B.Sc. Electronics

B.Sc. Biochemistry & Industrial Microbiology

B.Sc. Mathematics

B.Com Commerce with Computer Application

B.A English & Media Studies

PG COURSE

M.Sc. (Full Time : 2 Years)

M.Sc. Computer Science

***Hostel Facility Available for women students**

Prof.(Dr.) K C Prakash
Principal



Campus Placement



Details of total Placements during 2021-2022

S. No.	Name of student placed	Program graduated from	Name of the employer
1.	ANUSHA M	M.Sc. Computer Science	Tata Consultancy Services , Infocity, Airport, Gandhinagar
2.	LEKSHMI S PILLAI	B.Sc. Computer Science	MOZANTA Technology private limited , 7th floor Tejaswani, Trivandrum
3.	ANOOJ P RAJ	M.Sc. Computer Science	INFOSYS LIMITED , 44 INFOSYS AVENUE , BANGALORE
4.	FRINCY FRANCIS	M.Sc. Computer Science	ORION INNOVATIONS ,Orion India Systems Pvt. Ltd.
5.	DEVIKA N	M.Sc. Computer Science	INFOSYS LIMITED , 44 INFOSYS AVENUE , BANGALORE
6.	LAVANYA R P	B.Sc. Computer Science	NXTBIT TECHNOOGIES PRIVAE LIMITED

S. No.	Name of student placed	Program graduated from	Name of the employer
7.	VRINDA S	B.Sc. Computer Science	NXTBIT TECHNOOGIES PRIVAE LIMITED
8.	ANANDHU V	B.Sc. Electronics	Tata Consultancy Services , Infocity, Airport, Gandhinagar
9.	PREETHI P	B.Com	Muthoot Fincorp
10.	ADITHYA MOHAN	B.Com	Manappuram Finance
11.	VINU PRASANNAN	B.Com	MICRO LABS Limited
12.	INDU S	B.Com	MAHILA VYAVASDAYA SAHAKARANA SANGAN,Sooranaad
13.	ADITHYA MOHAN	B.Com	DHANAPADHAM CHITS PRIVATE LTD
14.	ANANDHU A K	B.Com	MANAPPURAM FINANCE
15.	SREEKANTH VARMA	B.Com	ASTRAEA LIFE SCIENCES
16.	NANDU SREEKUMAR	B.Com	SEARS CONSTRUCTIONS
17.	SUMITH	B.Com	SHRIRAM FINANCE
18.	YAMUNA S	B.Com	NCS AUTO CORP
19.	ANANDHU A	B.Com	RISE FINCONNECT PVT LTD
20.	ATHIRA S PILLAI	B.Com	INDIAN OIL CORPORATION LIMITED
21.	VANDANA NARAYANAN	B.Com	FIN TECH CONSULTANTS
22.	ANANDU V	B.Com	MAX VALUE
23.	AMMU T S	B.Com	TEAM GLOBAL LOGISTICS Pvt LTD
24.	GREESHMA J	B.Com	IYYM EQUIPMENTS, PRODUCTS & SOLUTIONS
25.	Sreelakshmi R	B.Sc. Mathematics	Infosys, Mysore, India
26.	Anasooya K Nair	B.Sc. Mathematics	INDIA POST, Chengannur
27.	Anuja S S	B.Sc. Mathematics	INDIA POST, Kottarakkara
28.	RENDEEP M PRADEEP	B.Com	DIGITAL SALES EXECUTIVE
29.	MEERA L	B.Com	HDFC BANK
30.	DEVIKA S	B.Com	MUTHOOT FINCORP
31.	ASWIN C S	B.Com	NEVADO TECHNOLOGIES
32.	SREEHARI UDAYAN	B.Com	GUARDER, KUWAIT
33.	RAKHI RAJU	B.Com	QUESS, KARUNAGAPALLY
34.	ARUN AJI	B.Com	ASSISTANT ,MRF,MADURAI
35.	DEVIKA SUNDAR	B.Com	FEDERAL BANK
36.	AROMAL S	B.Com	SBI CARDS

ACHIEVEMENTS



NSS Program officer receiving Certificate of Appreciation from Pro- VC Dr. VC Dr. Ajayakumar for their commendable work on Palliative care activities

Best Volunteer Award

Akhil R. receiving the award for the Best NSS Volunteer from Vice Chancellor
Dr. V.P. Mahadevan Pillai



Students of Sree Ayyappa college Eramallikara presented a theme based MIME in Connection with AZADHIKA AMRITH MAHOTSAV AT PERIYAR TIGER RESERVE and received a token of appreciation for the MIME team.



Awareness program at Govt. Vocational Hr. Sec. School, Kumali - Awareness on wildlife protection and environment on 7th December, 2021.

Ph.D Award 2021-2022

Dr. Deepu G P, Associate Professor, Department of Electronics has been awarded Ph.D from University of Kerala, Trivandrum in the subject of Management Studies on 23/12/2021. The research topic was "A study on Medical Tourism in Allopathic Sector in Kerala State with special focus on ICT Scenario".



List of Grants/Funding received

S.No.	Name of Faculty & Department	Scheme	Funding Agency	Year of starting	Duration	Amount in Rs.
1.	Dr. Ganga G Department of Biochemistry & Industrial Microbiology	Major Project	Kerala State Council for Science, Technology and Environment	2020-2021	3 years	22.154 Lakhs

International / National level Journal Publication in 2021-2022

S.No.	Name (Department)	Title of paper	Journal Name	Vol (Year) Page
1.	Dr. Sreelekshmi C. Warriar (Mathematics)	A Study on Selected Mathematical Theories for Decision-Making Problems	Asian Journal of Mathematical Sciences	(2022) 10
2.	Dr. Ganga.G, Biochemistry and Industrial Microbiology (BCIMB)	Anti-virulence potential of Allium Cepa against multi- drug resistant biofilm forming Pseudomonas strains	Advances in Bioresearch	12 (2021) 135
3.	Dr. K C Prakash (Electronics)	An Electrically Small Ultra-Wideband CPW-Fed Monopole Antenna	Progress In Electromagnetics Research C	114 (2021) 159
4.	Dr. Sreeraj M (Computer Science)	A machine learning based framework for assisting pathologists in grading and counting of breast cancer cells	The Korean Institute of Communications and Information Sciences	7 (2021) 440
5.	Dr. Ganga G (BCIMB)	Isolation and Characterization of Effective Microbes for Biodegradation, Bioremediation and Plant Growth Promotion	Indian Journal of Natural Sciences	12 (2021) 37195
6.	Dr. K C Prakash (Electronics)	Coplanar Waveguide-fed Electrically Small via-less Antenna for Dual Band Applications	IETE Journal of Research	69 (2021) 4442
7.	Prof. K L Usha Kumary (Electronics)	Effect of transport layer on polymer -f fullerenes derivative bulk heterojunction organic photovoltaic cell performance using transmission circuit model analysis	International Journal of Nanoelectronics and Materials	14 (2021) 219
8.	Dr. Nitha B (BCIMB)	Phylogenetic analysis of Cassia Species in Kerala	International Journal of Multidisciplinary Research Review	7 (2021) 24
9.	Prof. K L Usha Kumary (Electronics)	Thickness dependence of poly(triaryl amine) hole transport layer on bulk heterojunction organic solar cells	Optoelectronics and advanced materials - rapid communications	15 (2021) 278
10.	Dr. S Suresh (Electronics)	Fractal and inertia moment analysis for thin-film quality monitoring	Optical Engineering SPIE Journal	61 (2022) 044106
11.	Dr. S Suresh (Electronics)	Structural, Morphological, Magnetic and optical limiting performance of Ni doped BaSnO3	Journal of Electronic Materials	50 (2021) 5868

International / National level Conference Publication in 2021-2022

S.No.	Name (Department)	Topic	Title of conference, (Institution)	Date
1.	Dr. Nitha B (BCIMB)	Detection of water pollution indicators and other multidrug resistant pathogenic bacteria in the drinking water sources of alappuzha after flood- a major threat	2nd International Conference on Climate Change and Its Effect on Environment, Food & Society, (Arts, Commerce and Science College, Sonai, Maharashtra)	15-16, June, 2021
2	Dr. Nitha B (BCIMB)	Myconanoparticles from mushrooms & its therapeutic applications	International conference on nanomedicine and Nanomaterials (Mahatma Gandhi University, Kottayam)	3-5, September, 2021
3.	Prof. K L Usha Kumary (Electronics)	Effect of copper phthalocyanine Interfacial Layer on the performance of Mixed Halide Perovskite solar cells	Materials Research proceedings 22 (2022) 80-88	-
4.	Dr. Sreelekshmi C. Warriar (Mathematics)	Parameterized Hesitant Fuzzy Soft Multiset for Decision Making	Data Science and Security IDSCS 2022 (CHRIST (Deemed to be University), Pune)	2021
5.	Prof. K L Usha Kumary (Electronics)	Effect of copper phthalocyanine Interfacial Layer on the performance of Mixed Halide Perovskite solar cells	Virtual International conference on Functional Materials and applied Physics FMAP (SVNIT, Surat)	2021
6.	Dr. Nitha B (BCIMB)	Myconanoparticles From Mushrooms & Its Therapeutic Applications: Review	International conference on Nanomedicine and Nanomaterials	2021

Book / Chapter Publication in 2021 - 2022

S.No.	Topic	Title (Book / Chapter)	Year	Publisher	ISBN / Vol
1.	E-Learning methods for Teachers to play dual roles- A a facilitator and a learner during pandemic	Research Trends in Multidisciplinary Research (Chapter)	2021	Akinik publications	26 (Vol)

Awards and Recognitions during 2021 - 2022

S.No.	Name of Award / Recognition	Name of activity	Name of the Awarding government
1.	Periyar congress - azadika amrith mahothsav	Periyar congress	Forest Department, Government of Kerala
2.	BMC Best Unit Award	Bhoomitha Sena AWARD	Department of environment and climate change, Government of Kerala
3.	Best project presentation echo summit	Echo summit award	WWF, India
4.	Plalative care activities	NSS Award	University of Kerala, NSS Cell
5.	MIME	Nature conservation azadhi ki amruth mahothsav	Wildlife satcurary, Department forestry govt of kerala
6.	First wall painting	STOP VIOLENCE AGAISNT WOMEN -Orange the wild Campaign	Women and child development, Department govt of kerala

MoU Signed during 2021-2022

S.No.	Department/Faculty	Other Agency outside Sree Ayyappa College	Purpose of MoU	Period
1.	Dr. Ganga G Assistant Professor Department of Biochemistry and Industrial Microbiology	Unibiosys Biotech Research, Kochi	For academic research in the field of Life Science research	01/05/2020 to 30/04/2025
2.	Department of Biochemistry and Industrial Microbiology	Molecular Bios Pvt Ltd., Trivandrum	Academic Research	01/03/2018 to 31/05/2023

Teachers participation in various activities during 2021-2022

S.No.	Name of Faculty	Academic council members - University of Kerala
1.	Dr. Prakash K C	Electronics
2.	Dr. Rejiya C S	Biochemistry

S.No.	Name of Faculty	Board of studies - University of Kerala
1.	Smt. Jisha Nair B J	Computer Science (P.G)
2.	Smt. Jisha Nair B J	Computer Science (Computational Biology & Bioinformatics)
3.	Dr Deepu G P	Electronics
4.	Dr Suresh S	Electronics - Chairman U.G & P.G
5.	Smt. Sobha P K	Computer Science (P.G)
6.	Smt. Sobha P K	Bioinformatics
7.	Dr.Nitha.B	Microbiology, Evolutionary & Integrative Biology (UG& PG)

S.No.	Name of Faculty	Question Paper setters of UG/PG model examinations
1.	Dr.Rejiya C.S	UG-BIOCHEMISTRY
2.	Dr.Ganga G	UG-Microbiology
3.	Dr. Suresh S	UG-Electronics
4.	Smt. Jisha Nair B J	UG & PG Computer science
5.	Smt. Sreelekshmi A.N	UG & PG Computer science
6.	Dr Remya L	UG-Hindi
7.	Dr Deepu G P	UG-Electronics
8.	Smt. Sobha P K	UG & PG Computer science
9.	Dr.Nitha .B	UG - Microbiology

SCHOLARSHIP 2021 - 2022

Scholarships	No of students availed scholarships	Total amount (Rs)
Merit scholarship	19	19,000/-
PTA	18	18,000/-
Alumni	25	25,000/-
Endowment	7	6250/-
Free ship (mobile)	1	9799/-

INFOFEST 2021

VIRTUAL INTERNATIONAL CONFERENCE ON ENERGY, ENVIRONMENT AND HEALTH

The International Interdisciplinary Symposium organised by Sree Ayyappa College (TDB), Eramallikkara, in association with the Institution of Electronics and Telecommunication Engineers (IETE), and the Internal Quality Assurance Cell (IQAC), on various themes each year was conducted from 15th Dec, 2021 to 31st Dec, 2021 through the online mode. Now, in its 11th year, the theme for 2021 was Energy, Environment, Health and Visual Communication, based on the subthemes physical science, chemical science, biological, environmental and life science, electronics and computer science, commerce and financial management, and English and media studies.

There was a total of eight invited talks on various subjects each day and paper presentations by students and faculties from various parts of the state based on various subjects such as electronics and physics (12), computer science (9), microbiology and biochemistry (9), and English and media studies (3), Total 33.

The inaugural function on 15th Dec 2021 was by Dr VP Mahadevan Pillai, Hon VC, University of Kerala, while the Principal, Prof (Dr) KC Prakash gave the presidential address. When Dr. M V Rajesh, Associate Professor, Dept. of Electronics Engineering, College of Engineering, Chengannur, & IETE Fellow, Vice Chairman, Kochi, Kerala gave the keynote address, the conference convener, Er Deepu G P said the vote of thanks.

The invited lectures were from 16th to 23rd December, 2021, mostly in the

evenings via online mode.

Details of the invited talks are given below.

1. Dr Manikantan VM, Dept of Computer Science and Engineering, SRM University Andhra Pradesh on “Reversible Data Hiding through Encryption: a way to combine data hiding and image encryption” on 16.12.2021, 7.00 pm to 8.00 pm.
2. Dr Radhakrishnan SR, Senior Scientist, Council for Scientific and Industrial Research, National Physical Laboratory, New Delhi on Introduction to FTIR based Gas measurements”, on 17.12.2021, 7.00 pm to 8.00 pm.
3. Dr Robiya, Instructor, The University of Texas, Austin, USA on “Targeting Cancer Metastasis an IMMUNE Approach” on 18.12.2021, 9.15 am to 10.15 am
4. Sister (Dr) Germina KA, Dept of Mathematics, Central University of Kerala, Kasargod on “A study of the notion of balance in social network analysis using signed graphs”, on 18.12.2021, 7.00 pm to 8.00 pm.
5. Mr Deepu Kumar M Nair, Senior Manager, RF Design Engineering, , North Carolina, USA on “The long shadow of Shannon's Limit on Global Energy usage of LTE and 5G Wireless network infrastructure and its environmental impact”, on 20.12.2021, 7.00 pm to 8.00pm.
6. Mr Nidheesh S, Research Scholar, Dept of Humanities and Social Sciences, IIT Madras, Chennai on “Environmental Justice and the policies of existence in Alappad”, on 21.12.2021, 6.00 pm to 7.00 pm.
7. Dr Anwar A, Thunthach Ezhuthan Malayalam University, Malappuram, on “Covid 19 as A Time image in Malayalam Art Expressions”, on 22.12.2022, 7.00 pm to 8.00 pm.
8. Dr Sundarakannan B, Professor and Head, Department of Physics, Manonmaniam Sundarnar University, Tirunelveli, on “Lead Free Piezoelectric materials”, 23.12.2021, 7.00 pm to 8.00 pm.

Technical sessions were on 30th and 31st December, 2021, where papers were classified subject-wise into Computer Science on 30.12.2021, from 5.30 pm to 6.40 pm, chaired by Dr. Deepthi P S, LBS Engineering College for Women, Trivandrum; Management and English on 31.12.2021 from 10.00 am to 10.30 am, chaired by Dr. Athira Sasidharan, Assistant Professor, Dept of English and

Media Studies, Sree Ayyappa College, Eramallikkara (Formerly ESOL Tutor, 'English for Migrant Mothers' Literacy Classes Hamilton, Waikato, New Zealand); Electronics and Physics on 31.12.2021, from 10.40 am to 12.30 pm, chaired by Dr. Jobin K Antony, Professor, Dept of Electronics & Communication, Rajagiri School of Engineering and Technology, Ernakulam; and Biochemistry and Microbiology, from 4.20 pm to 5.40 pm, chaired by Dr Reshmi L, Assistant Professor, Dept of Botany, University of Calicut.

The presentations were evaluated and based on various criteria, best paper award consisting

of an e certificate was presented to one each from each category, while others who presented

papers were given e certificates for presentation.

The Valedictory session was on 31.12.2021, at 6.30 pm . The valedictory session

was chaired by Dr KS Anil Kumar, Hon Registrar, University of Kerala.

The abstracts of the invited talks as well as the presentations were published by Greenzie

Publishers, Trivandrum with ISBN Number, 978-81-955890-1-2, 2021, 11th

Major Participation outside the campus

ECHO National Youth Summit

A team of 4 participated in ECHO National Youth Summit 2021-22. Sunaina Nair S S, Sreelekshmi S, Parvathy, Aravind S under the guidance of Dr. Ganga G, Assistant professor, Sree Ayyappa College represented the college as well as the whole Kerala in the Summit. Their work was based on Biopod technology, which uses black soldier fly larvae to convert organic and marine food waste into useful products like poultry feed, fish feed, bio fertilizer etc.

They started their work in the month of October 2020. Visiting the Muhamma village, where this technology is already implemented and communicating with the ATREE Foundation helped the students develop their project and improve their action plan.

The students got selected to the National level presentation which was approved by the WWF State Committee. On July 23rd, 2021 they presented their project and echoed the voice of youth as the environment conservation heroes. They secured first position at State level.



Periyar congress presentation on waste management and eco-conservation project presentation -converting banana stem waste in to eco-friendly value added packaging material

A project presentation competition conducted by Periyar WILD LIFE SACTURY Govt of Kerala Dr.Ganga .G was the convener of the Project and students Sunaina Nair, Parvathy, Sreelekshmi Seethal And Abhirami sandhaya were participated in the program and won best project award.



AZADIKAAMRITHI MAHOTSAV MIMICRY-WATER CONSERVATION AND ENVIRONMENTAL PROTECTION

Industrial Visit 2021-2022

The students from the department of Biochemistry and Industrial Microbiology visited the Department of Biochemistry, University of Kerala Kariavattom Campus, Thiruvananthapuram on March 19th, 2022 as part of their industrial visit. The students gained knowledge about various instruments such as deep freezer, ultracentrifuge, nanofiber electrospinning unit etc.



Orientation and Bridge Courses

Orientation Programme for Fresher's 2021-2022



The orientation programme for undergraduate students for the academic year was held on 10th January, 2022. The students were taught about the CBCSS, curriculum, Examination procedures, various clubs and activities etc. Dr. Ananth Kumar R T was the convener of the programme. A total of 81 students attended the orientation programme.



Bridge Course in Computer Science for UG students 2021-22

Department of Computer Science, Sree Ayyappa College, Eramallikkara, has successfully conducted the Bridge Course programme for UG students, for the current academic year (2021-22). The programme was conducted on 6th and 7th of January 2022. It was attended by 23 students, out of the total 26 students in the first-year BSc Computer Science.

The objective of the bridge course programme was to impart algorithm development skill and programming logic to students from non-Computer Science background. The students also trained in subjects such as Programming with C and Computer fundamentals.

The Commerce Association - Department of Commerce with Computer Application conducted an Orientation programme for first semester students on 13th January, 2022. A total of 36 students from the first semester attended the programme. Mr. Anwar Santhi, Senior Marketing Manager, G-Tec group of institutions was the chief guest.

The Department of Biochemistry and Industrial Microbiology conducted an orientation programme on 11th January, 2022.

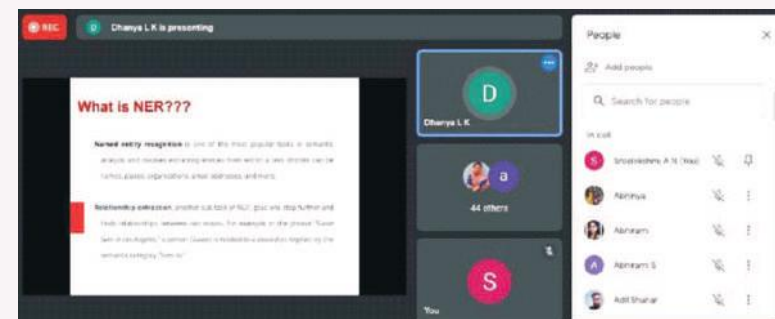
Seminar and Webinar during 2021-2022

Seminars / Webinars by Department of Computer Science

CASAC Webinar on "Introduction of natural language processing"

A seminar on "Introduction of Natural Language Processing" was conducted by the Computer Science Association of Sree Ayyappa College on November 30, 2021. In the light of COVID-19, the event was conducted Online via Google-Meet. The Motto of the event was "Importance of natural language processing". A Sum of 76 students and Faculties of the Computer Science Department attended the elucidate Programme.

The participants were espoused by Dhanya L K, Assistant Professor Department of Computer Science and Engineering Mar Baselios College of Engineering and Technology Trivandrum. She acquainted them with the goals and objectives of the webinar. She gave a general awareness of Natural Language Processing and a brief talk on the upcoming technology. The session was really informative. Language processing, NER, real life application etc were discussed in the session. An interactive concourse ignited the inquisitiveness of participants. They have committed themselves completely to bring about the complete essence of the webinar.



Seminars / Webinars by Department of Biochemistry and Industrial Microbiology

Webinar on 'Emerging Fungal diseases & its management'



Department of Biochemistry and Industrial Microbiology organised a webinar on the topic "Emerging Fungal diseases & its management" on behalf of ASPIC club too. The webinar was taken by Dr.Ajith Vijayan, Assistant professor in Microbiology, Pushpagiri Medical College, Thiruvalla. It

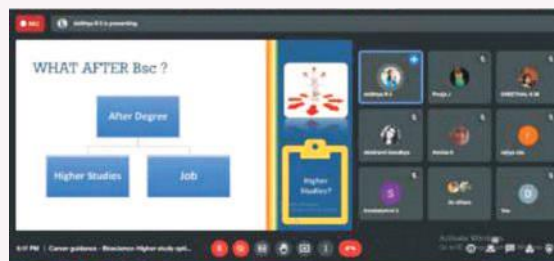
began around 7.00 pm on 3rd June 2021. The webinar discussed the recent fungal cases as well as other fungal diseases related to them. Total number of students attended the webinar was 44.

MYSTERIES OF THE UNIVERSE" ON AUGUST 3rd 2021

The Science Club organised a webinar on behalf of the department of Biochemistry and Industrial Microbiology and IOAC on 3 August, 2021, Tuesday at 6 pm on the fascinating topic "Mysteries Of The Universe". The Chief Guest who carried out the talk was Dr.Prince P R, Assistant Professor in Physics at University College, Trivandrum.

WEBINAR ON " BIOSCIENCE- HIGHER STUDY OPTIONS IN INDIA

The Department of BioChemistry & Industrial Microbiology, Science Club in association With Career Guidance Cell organised a Webinar on " BIOSCIENCE- HIGHER STUDY OPTIONS IN INDIA" on 03rd July 2021 at 5.00 pm. Adithya.R.S, Department Alumni and MSc scholar at Central University of Kerala, Kasargode delivered the talk.



NATIONAL WEBINAR ON COVID-19 VACCINES

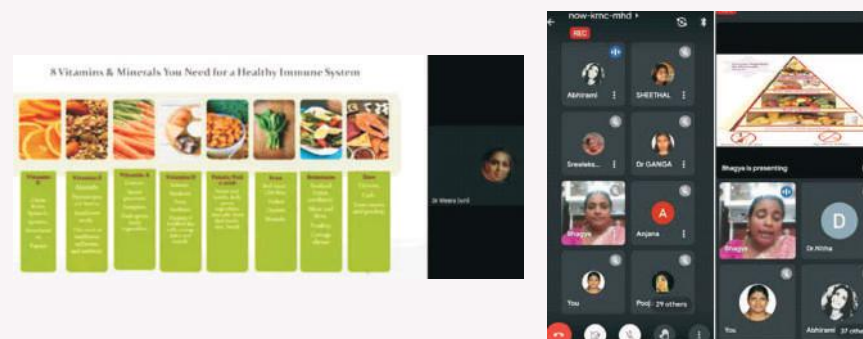
The Science club and Microbiology Society of India, Kerala Chapter organized an international webinar on Covid-19 vaccines on 9th August, 2021. Dr.Satyanath Patel, Research Scientist, AIPH University, Odisha handled the session. Dr.Nitha.B, HOD, Microbiology and faculty in charge MSI, students unit delivered welcome speech.Dr.Ajayakuaran Nair, Ptofessor, Department of Biochemistry, University of Kerala inaugurated the webinar. Dr.Aravind , Deshmukh, President, MSI, presided over the function.

WEBINAR ON ASPERGILLOSIS- AN EMERGING PUBLIC HEALTH CHALLENGE

On 3rd February, 2022 at 7 pm, an talk on Aspergillosis was organised by the Science club & Department of Biochemistry and Industrial Microbiology of Sree Ayyappa College, Eramallikkara on behalf of the science club. Dr.Nitha B, Head of the Department and Science Club Convenor also the programme initiator gave the informal greetings to the speaker. Students of the respected department and their faculties attended the webinar. The session was carried out by Dr. Manual Thomas, Unibiosys Biotech Research Lab, Cochin.

Webinar on Nutrition week celebration

Webinar on Nutrition week celebration is conducted on 13 and 14 th September 2021. It was organised by the Women study unit, Science club and Department of Biochemistry and Industrial Microbiology. Dr. Meera D K, Assistant Professor, Food and Nutrition, Government College for Women, Trivandrum, and Dr. Bhagya D, Assistant Professor, Home Science, St. Josephs College, Alappuzha was the resource persons.



Seminars / Webinars by Department of Mathematics

WEBINAR ON 'HIGHER STUDIES IN MATHEMATICS'

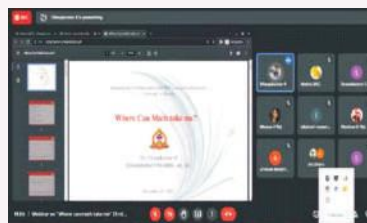


A Webinar on 'Higher Studies in Mathematics' was organised by the Department of Mathematics in association with Career Guidance Cell on 12th July 2021 at 5.00 p.m through Google meet platform. Mr. Arun Kumar C S (Researcher, Kerala School of Mathematics, & Qualified CSIR - JRF, GATE, NBHM & KSCTE Ph.D

Fellowships) was the Resource Person. He started the talk with a brief introduction about the various institutions like IITs, KSOM. He gave brief information about Higher studies and opportunities in Mathematics after graduation. He also spoke about jobs & placements for mathematics

Webinar in where can MATH take me?

The department of Mathematics in association with IQAC & Career Guidance Cell of Sree Ayyappa College and KSMDDB College jointly organized a webinar on the topic 'Where can Math take me?' was held on 23rd December 2021 at 6.00 pm on Google Meet platform. Dr. Dileepkumar R, Assistant Professor, Dept. of Mathematics, KSMDDB College, Sasthamkotta was the Resource Person for the webinar. He discussed the best career options for mathematics students. Around 50 mathematics students from various colleges participated in the webinar.



Seminars / Webinars by Department of Electronics

One day Workshop on PCB Fabrication, Soldering and Introduction to Electrical Wiring

A one-day offline workshop cum training program was conducted by Department of Electronics specifically for second semester BSc Electronics students on PCB fabrication, Soldering and introduction to electrical wiring (house wiring) on 18th May, 2022 to inculcate an interest in Electronics. Sri Deepu G P, was the Staff Co-ordinator. The resource person cum trainer was Sri Vipin S Nair, Technical Assistant, while Sri Nandu Krishnan, who completed his electronics degree and got selected through campus placement to WIPRO assisted in nurturing his juniors.

Workshop on LED Bulb Manufacturing



The Electronics Association of Sree Ayyappa College (TDB), Eramallikkara for the Academic Year (2021-2022) conducted an offline workshop on LED bulb manufacturing for students of BSc (Electronics) on 27.05.2022, Friday at 1.30 PM. Sri Nandu Krishnan introduced the topic of LED bulb manufacturing. In the workshop, the students successfully assembled LED bulbs on their own.

Seminars / Webinars by Department of English and Media Studies

Lecture series

The Department of English and Media Studies has conducted a two-day lecture series in association with Literacy on 4th and 14th June, 2021. On 4th June 2021, the Department Association 'Literacy' was officially inaugurated by the Principal. The first lecture in the series was given by Ms. Pavithra Mahendran, Assistant Professor, Department of English, Madras Christian College. Her lecture was titled, "Introduction to Expressionism" and the session was really informative. On the second day, 14th June 2021 at 10:00 a.m, Dr.Boopathi.P, Assistant Professor, Department of English Studies, School of Social Sciences gave another lecture "Politics of Popular Culture".

NSS Activities 2021-2022

Energy conservation and awareness program - URJAKIRAN

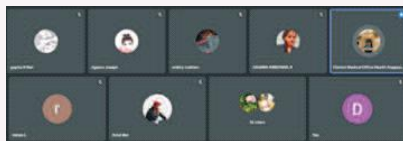


Energy conservation and awareness program in association with Energy management centre Kerala was initiated Mr. Jayaraman Manager power and Utilities Kochi Refinery Limited Ambalamugal Cochin was initiated a lead talk on Energy management and Go green concept on 27.12.2021. In

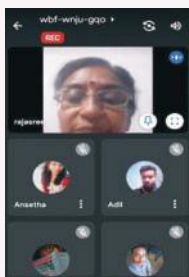
Association with NSS and Unnathabharath Abhiyan a one week event was conducted on Saving energy. In Association with Energy Management centre a seminar workshop signing program was conducted. There were 101 participants for the webinar. He has explained the ways and means to reduce energy consumption at household level. Women of Kudabasree units at Chengannur Taluk and citizens of Thiruvananthapuram Panchayat participated in this program.

Webinar on vaccine awareness

Covid 19 Vaccine awareness program for youth was conducted by District Medical office Ms Suja P.S from Alappuzha Public health department On 22nd June, 2021. During the session doubts and apprehensions against Covid 19 vaccines were discussed. The webinar was organised by Unnath Bharath Abhiyan and NSS. The number of participants was 64.



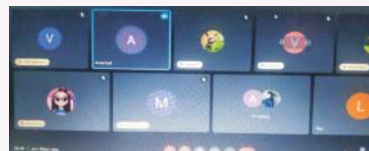
Webinar on Gender Sensitization



Sree Ayyappa College NSS unit, Women's studies unit and IQAC jointly organized a webinar on gender sensitization in association with Women and Child Department Alappuzha on 19/07/2021 at 7 pm. Sree Ayyappa College NSS volunteer Ansif delivered the welcome speech. The event was inaugurated by District women and child welfare officer Smt. Sheeba L. Sree Ayyappa College Principal KC Prakash presided over the function. District court Advocate A K Rajasree Spoke on the topic Gender Sensitization. Forty five students attended the webinar.

Webinar on measures to taken to curb COVID 19

Webinar on the measures to be taken to curb the widespread of Covid 19 in the campus has been conducted on 24th September, 2021 at 3 pm. Shri. Arun Lal S V, District Education and Media Office, Alappuzha was the chief guest. The programme was conducted as part of NSS day celebration.



Anemia campaign

An Anemia campaign was conducted on 17-06-2021 at 5 pm by the Department of Women and Child Development. Dr. Divya from PHC, Mulakkuzha gave the awareness class on anemia. A total of 15 students from Sree Ayyappa College NSS UNITS 52 A&B participated in the campaign.

YOGA DAY YOGA FOR WELLNESS

On account of the International Yoga Day, which was celebrated on June 21 2021, NSS Unit of Sree Ayyappa College in collaboration with the Department of Physical Education and IQAC, conducted a talk on the subject "Yoga For Wellness" from 10 -11 am. The talk was delivered by Rtd. Professor Rajan Malayil, Department of Commerce, The Zamorin's Guruvayurappan College. The meeting started with a prayer delivered by Ms. Lekshmi Raveendran and welcome speech was delivered by Pooja.

NATIONAL YOUTH DAY 12/01/22

On 12th January, 2022, National Youth Day was celebrated at the college and the volunteers paid floral homage to Swami Vivekananda as the day is celebrated to commemorate him. NSS unit 52A&B observed National Youth Day on 12 January 2022 by organizing a Poster Making event.

Participation in Mobile phone challenge against DIGITAL DIVIDE



Sree Ayyappa College NSS units 52 A&B have participated in the mobile phone challenge conducted under the leadership of National Service Scheme Alappuzha. Through the joined efforts of volunteers, we collected the fund on 6/07/2021 and a sum of RS.6000 was handed over to NSS District Coordinator T. Nishad. More than hundred students have participated in this challenge.

Orientation Program

On 10th March, 2022, an Orientation Program was organised for the newly enrolled volunteers. The session which lasted from 1:00 pm to 3:30 pm was led by Dr. Ajithsen, IHRD NSS Co-ordinator.



INAUGURATION OF RURAL LIBRARY

As part of rural development, NSS has undertaken a project of building a rural library near the college to lend reading facilities to all the villagers. "Sri Chithira Thirunaal Grameena Grandhashala" was inaugurated by the Hon.Minister Sri. Saji Cheriyan on 20 March 2020.



COVID 19 VACCINATION REGISTRATION DRIVE



Volunteer helping people from his neighbourhood to register for vaccination

Children's day

On 12th November, 2021, Children's Day was celebrated by NSS through conducting various programs at the nearby school. The volunteers in groups have communicated with the school students regarding the message, theme and history of Children's Day, giving them complete awareness about the day and its importance. Students and volunteers also participated in sharing moral stories among themselves as part of the celebration.



Volunteers with the children of Hindu U P School, Eramalikkara

Awareness against the use of Anti-biotics



On 29/11/2021, an awareness class on the side effects of antibiotics was given to the students of Hindu U P School, Eramalikkara.

Food Festival

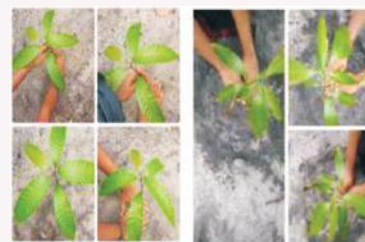


A food fest was organised by NSS volunteers on the Arts Day of the college. Volunteers have opened four food stalls on the college premises and four groups of volunteers have opened those stalls. They have sold ethnic cuisines in their stalls and the activity has gained wide attention. The event occurred on 30 March 2022.

NSS Camp

NSS unit 52 A & B of Sree Ayyappa College began its 7 day camp on 25-01-2022 at 3:00pm. NSS volunteer Pooja sang the NSS anthem in the presence of NSS Program Officers Dr. Athira Sasidharan and Lavanya M. NSS volunteer secretary, Samudra Prasad delivered welcome speech, after the NSS anthem. Principal Dr. KC Prakash addressed the students. The inaugural function was officiated by Sri T. Nishad, MSM College Kayamkulam who spoke on the importance of National Service Scheme. He is the NSS Program Officer and NSS District coordinator, Alappuzha.

World Environment Day June 5, 2021



In association with Eco club and UBA, Sree Ayyappa College NSS unit organized a mango tree plantation project on 05/06/2021. Volunteers planted Mango tree saplings in their household premises. Around 70 volunteers planted mango saplings in their house.

World Water Day March 2022



On 22nd March, 2022 World water day was celebrated on a Theme on Protection of Ground Water. Ms Samudra Prasad of Maths Department Presented a paper on Protection on Groundwater on World Water Day. Ms Anseetha Madhu was presented a paper on the water on Earth.

World Elderly Day

In connection with Vayojana Day, Sree Ayyappa College NSS units 52 A&B conducted a short film screening on 15-06-2021 at 11.30 am. The short film named THE SOUND OF AGE directed by Jijo George was screened. The film revolves around a helpless old man, abandoned by his own kids approaching the Maintenance tribunal and Sub Divisional Magistrate court for help and the portrayal of complex emotions that takes place between the Magistrate and the family.

Trip to Periyar Tiger Reserve

On 07th December, 2021, NSS organised an Environment Awareness & Education Program that included awareness campaigns for schools and colleges, visit to the forest ,street play,spot quiz and mime. Volunteers and Program officers have attended this program at Kumili.



Constitution Day-Pledge



On 26th November, 2021, volunteers taking an oath to uphold the values prescribed by our Constitution

Palliative Care Activities



Palliative care survey

Donated wheel chair to a patient



Donated adult diapers to PHC, Eramallikkara



Volunteers performing mime in a college in Kumili to spread the idea of water conservation



CLUB ACTIVITIES 2021 -2022

Ecosystem and Pollution

Wetland day observation program - Bhoomithra Sena club In association with GOBACK GREEN have conducted a program on Ecosystem and pollution on 12/2/2022 at 07:00 pm by Google Meet in online mode. Professor Dr. E Ramaswamy from Department of Environmental Science, MG University Kottayam had delivered a talk on Ecosystem and pollution and the talk was given new enlightenment about microplastic and its environmental hazards in freshwater and marine flora and fauna. A total of 86 students attended the session.



Donation of food kit to an economically weak family on February 25, 2022



Awareness about menstrual hygiene

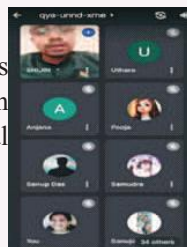


The students of Sree Ayyappa College were given an awareness about menstrual hygiene on 28th February, 2022 by Dr. Mini Unnikrishnan. The advantages of using a menstrual cup was detailed by the doctor which helped the

students to understand the advantages of using a menstrual cup and the consequential reduction of plastic dumping.

Webinar on Online Financial Transaction Awareness

A webinar on Online Financial Transaction Awareness was organised in association with Nehru Yuva Kendra on 13th February, 2022 at 3:00 pm. Dr. Shijin Varghese, Financial Advisor and Youth Awardee presented the talk



Healthy Life through Ayurveda



A talk on Healthy Life through Ayurveda was organised on 4th March, 2022 from 2:00 pm to 3:00 pm at College Auditorium by Dr. Unnimaya Rajeev, Omark Ayurveda and panchakarma Centre, Thiruvalla.

Webinar on Internships & Placements

The Career Guidance Cell & Placement Cell in association with IQAC & AVODHA organized a webinar on the topic 'Internships & Placement'. This webinar targeted prospective students of second year & Final year students both UG & PG. The



objective of the webinar was to help aspiring students to acquire a challenging placement career in life. Webinar session was conducted on Google meet platform on 06th November 2021 from 09.30 AM to 11.30 AM. The resource person for the webinar was Mr. Alin Asok, Team Manager, Avodha Edutech Private Limited, Trivandrum. He gave a lecture on internships and placement opportunities for students. The session was very interesting and got a clear idea on their respective field of interest towards moulding a better career & future. The webinar was attended by 92 participants from all departments.

Webinar on Indian Constitution



A Webinar on the topic 'Indian Constitution' was organized by The Career Guidance Cell & SAKHI in association with IQAC on 14th November 2021 at 6.00 pm via Google meet platform. Mr. Vishnu Mahesh A S, Post Graduate Student, Political Science, University College, Thiruvananthapuram was the Resource Person. The speaker graciously explained the provisions relating to Fundamental

Rights, amendment procedures and main articles of constitution. The webinar was attended by around 35 participants from all departments.

CAREER LAUNCH PROGRAM

The Career Guidance Cell & WWS in association with London College was conducted a Career Launch Webinar on 'Fast Track Your Career in Logistics & Supply Chain Management' on 17th March 2022 at 7.00 pm by Google meet. Mr. Sanesh Sharma, Director, London College, Kochi, handled the session. A total of 45 students were participated.



ONLINE CERTIFICATE COURSE ON 'EMPLOYABILITY SKILL TRAINING'

The Career Guidance Cell and IQAC, Sree Ayyappa College have collaborated to offer an online certified course on 'Employability Skill Training' programme from 17th September 2021 till 21st November 2021. The duration of the programme was 30 hours. On 17th September 2021, Dr. Prakash K C, Principal of College, inaugurated the orientation class of the training course, which was held virtually via Google platform. The course covered the following modules of Arithmetic, Logical Reasoning & Verbal Reasoning Ability, English Aptitude & Resume Preparation, General Knowledge, Computer Science and Information Systems. Each session was handled by respective faculty members of Sree Ayyappa College. By successfully completing this course, students are able to solve Quantitative, Logical Reasoning, Computer Programming and Comprehension Problems in IT recruitment drives and other competitive exams. Evaluations in the training were also conducted and distributed certificates.

INTERNATIONAL WEBINAR ON MICROBIAL COMMUNITY STRUCTURE AND PHYSICOCHEMICAL PROPERTIES OF ARID SOIL IN RESPONSE TO LONG TERM APPLICATION OF COMPOST AND BIOCHAR



The Science club in association with Microbiology Society of India, Kerala Chapter organized an International webinar on Microbial Community structure and physicochemical properties of arid soil in response to long term application of compost and biochar on .

Dr. Munwhar Alikhan, Associate Professor, Department of Life and Environment Sciences, College of Natural and Health Sciences, Zayed University, Dubai handled the session.

Orientation Programme workshop for Commerce students

The Commerce Association-Department of Commerce with Computer Application conducted Orientation Programme for first Semester students on 13 th January, 2022. As a part of the Academic Activity of the Department, an Orientation program was organised. A total of 36 students attended the programme. The lecture in this webinar was given by Mr. Anwer Sathic, Senior Marketing Manager, Project Co-Ordinator and Academician of G-Tec group of institutions and TOONZ ACADEMY and Mr. Praveen Raj, Assistant Professor, SAC.

"An Investor Awareness Program- SEBI initiated Workshop" (Axis Mutual fund) - Commerce Association

A webinar titled "An Investor Awareness Program" was conducted on 3rd Feb 2022, for the Semester 1 & 2 Commerce students. The speaker was Mr. Manoj T Neelakantan, BFSI Trainer, Ex-AGM IDBI Bank, RP - IICA, SMART - SEBI, and Certified National Trainer Skill India Mission, who is a SEBI empanelled.

URJA KIRAN PROJECT

Urja Kiran is an Energy Conservation Awareness Campaign led by the Energy Management Centre Kerala (EMC) with the concurrence of BEE, Ministry of Power, Govt. of India. The Centre is devoted to the improvement of energy efficiency in the State, promotion of energy conservation and encouraging development of technologies related to energy



Honourable Minister of Fisheries and Culture Sri. Saji Cherian addressing the public after inaugural ceremony

through research, training, demonstration programs and awareness. The college has implemented some of these programs to raise this energy conservation awareness on 2nd December, 2021.

WORLD AIDS DAY

On 1st December, 2021, Kerala Aids Control Society has conducted an online webinar on World AIDS Day to give awareness to volunteers regarding STDs and the basic services offered by the Society.

Women's Day Celebration

Women's Day Celebration at Sree Ayyappa College was inaugurated by Dr. K.C. Prakash, Principal at 10.00 am in Seminar Hall on 8th March, 2022. The presidential address was delivered by Dr. Rejiya C.S, Convenor, Womens' Study Unit of the college. Dr. Athira Sasidharan and Ms. Lavanya M. , NSS Programme Officers delivered felicitation. The inaugural ceremony was followed by various cultural events. Dr. Anishia Jayadev, Faculty member and Gender Nodal Officer, Institute of Management in Government delivered a speech via virtual mode at 7 p.m. Students and faculty members shared their thoughts and painted on the open canvas based on the theme "SHE"

YOUTH PARLIAMENT PROGRAM

On 21st March 2022, Nehru Yuva Kendra, Alappuzha conducted a day long District level Neighbourhood Youth Parliament program to educate the volunteers about contemporary socio-economic development issues confronting local communities in general and the youth in particular.



BLOOD DONATION CAMP



A blood donation camp was organised at the college by RIBK on 25 March 2022 in the Seminar Hall. 35 students donated blood.

Magical Mangroves program

Awareness on Mangroves protection two programs were conducted. Conducted Magical mangroves awareness class at AB Vilasam High School, Cherthala.



MAGROVE FOREST TOUR

Visit to Mandrothuruth Kollam to create awareness on Mangrove Ecosystem protection and the importance of Mangrove .A one tour was made and student and BMC Convener Dr.Ganga.G accompanied with students in two boats the whole day was spent near Mangrove Ecosystem and this create a sense of need for protecting the Mangrove ecosystems of Kerala.

Banana Garden making at College Campus June 2021-September 2021



National Anti drug Awareness program on 3/10/21



Mime on environmental Protection at Mariani College Kuttikanam..Ten volunteers showed an environmental protection Mime at Mariarani College on 7th December, 2021.



Team Sree Ayyappa on trucking and Bird watching program

In Newspaper



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