



Silver Jubilee year (1995-2020)

**SACSCAN**

**The Annual Newsletter (2019-2020)**

**Sree Ayyappa College**

(Govt. Aided College affiliated to the University of Kerala),

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### From the Principal's Desk...

The academic year 2019-20 is the silver jubilee year of Sree Ayyappa College. I am delighted to say that our invested attempts towards the wholesome development of the college saw fruition on many fronts. We have organized an International Conference on Advanced Innovation in Science, Engineering and Technology, the first international conference since our inception, this year. We have been offering NPTEL, skill-development, add-on and certificate courses for our students and faculty through IQAC, CACE and the newly instituted Centre for Incubation and Entrepreneurship at SAC. One of our students was able to secure first rank in Library and Information Science curated by CACE. SAC's Career Guidance and Placement Cell has enabled placements for our students in reputed multinational corporations. Our students have also made us proud in the 39th Kerala University Youth Festival. As part of our silver jubilee celebrations, we organized an International Cultural Fest, the first of its kind, that brought artists and activists from several Southern African countries to our campus.



The college hostel renovation is under way. Measures are being taken for the construction of an additional floor. We have already seen new permanent faculty recruitments. We are actively involved in expanding the campus through such activities as acquisition of land and related work. With the awareness that we have a long way to go, what we have been able to achieve gives us great encouragement in our journey forward.

I thank the Travancore Devaswom Board, my colleagues and students who have made these achievements possible. Let us put all our further efforts on our brighter path to excellence!

## Congratulations!

### Campus Placement Drive by Sree Ayyappa College



**Mebin Thomas**

(III B.Sc. Computer Science)  
TCS



**Anandhu K**

(III B.Sc. Computer Science)  
Infosys



**Harikrishnan P**

(III B.Sc. Computer Science)  
WIPRO



**Adithya Raj K R**

(III B.Sc. Computer Science)  
CTS



**Abhijith N**

(II M.Sc., Computer Science)  
6D Technologies, Bengaluru



**Dipin Dileep**

(II M.Sc., Computer Science)  
Claysis, Infopark



**Jothilekshmi K**

(III B.Com  
DDU-GKY



**Rabia M Nizam**

(II B.Sc. Bio-chemistry & Industrial  
Microbiology  
Pulse Hi-Tech Lab



**Priyanka S R**

(II M.Sc. Computer Science  
JRF with Research Associate  
Birla Institute of Technology and  
Science

## PRIDE OF OUR COLLEGE

### Awards

Sree Ayyappa College has received a Certificate of Appreciation from Student Solar Ambassadors, Department of Energy Science and Engineering, IIT Bombay for encouraging student participation in the Global Student Solar Ambassadors Workshop organized on 2<sup>nd</sup> October 2019 to commemorate the 150<sup>th</sup> Birth Anniversary of Mahatma Gandhi.

Dr. R.T. Ananth Kumar, Assistant Professor of Physics, Sree Ayyappa College has received a Certificate of Appreciation for his instrumental role as SPOC for the SWAYAM-NPTEL Local Chapter.



## ACHIEVEMENTS



### **Praveena P. S**

#### **First Rank**

(Certificate in Library and Information Science - CACEE)  
University of Kerala

## KALOLSAVAM 2020, UNIVERSITY YOUTH FESTIVAL UNIVERSITY OF KERALA, THIRUVANANTHAPURAM



#### **Sunaina Nair S.S**

Second Prize: Essay writing (Hindi)  
Second Prize: Debate (English/  
II B.Sc. Biochemistry & Industrial  
Microbiology



#### **Amjith R Kumar**

Third prize: Collage  
II B.Sc. Biochemistry & Industrial  
Microbiology



#### **K S Sarika**

Second Prize: Essay writing (Hindi)  
I B.Sc. Computer Science



Our students Aswin S Nair (II B.Sc. Elect), Bineesh Babu (II B.Com), Bijesh Babu (II B.Com), Manu K Madhu (III B.Sc. C.S), Nishad Krishnan (III B.Com), Sudhev K S (II B.Sc. Elect), Abhijith A (II B.Com), Rajshekar Nair (III B.Sc. Elect), R Aravindh Rangan (II B.Sc. Elect) & Jayakesh J (I B.Sc. C.S) won Second prize in "Vanjipattu competition 2020"

## NEW BEGGININGS

### **CENTRE FOR INCUBATION AND ENTREPRENEURSHIP**

Sree Ayyappa College, Chengannur is proud to open a Centre for Incubation and Entrepreneurship (SAC-CIE). The objective of the centre is to promote relationship with industries and create jobs. The Incubation centre was inaugurated by Prof. (Dr.) V.P. Mahadevan Pillai, Honorable Vice Chancellor, University of Kerala on 26<sup>th</sup> October, 2019.



### **ADVANCE CERTIFICATE PROGRAMME ON SKILL DEVELOPMENT COURSES & VALUE ADDED COURSES**

The IQAC & Centre for Incubation and Entrepreneurship (SAC-CIE) has jointly started an advance certificate programme on skill development courses and value added courses on 17<sup>th</sup> February, 2020.



Dr. Ajayakumar P P. Honorable Pro-Vice Chancellor, University of Kerala, Thiruvananthapuram, was the chief guest for the inaugural function. The duration of the course is six months. The five skill development courses are as follows. (1) DOT NET and angular programming, (2) Electronics in daily life: fundamentals and applications (3) Mushroom cultivation and post harvesting technology (4) TALLY (5) LATEX A document preparation software in Mathematics. The two value added courses are (1) Spoken English (2) First Aid & Basic Life support. The two ADD-ON-COURSES were (1) Micro controllers and its applications (2) Academic writing

### College Bus



On 29<sup>th</sup> October, 2019 at Devaswom board office, Thiruvananthapuram, Sri. A. Padma Kumar, Ex. M.L.A, Honorable President, Travancore Devaswom President, handed over the key for the new College bus to Dr. K.S. Anil Kumar, Principal, Sree Ayyappa College.



### College Union Election 2019-2020



A historical moment for Sree Ayyappa College, the Union Election was held for the first time on 22nd November, 2019 at college campus. All the guidelines stated by University of Kerala, were followed in conducting the Union election like notification, publication of electoral roll, nominations, withdrawal, final list of candidates, polling of votes, counting of votes and declaration of result.

### Elected Union Executive Committee



**Anandhu V**  
Union Chairman  
III B.Sc. Electronics



**Preethika Suresh**  
Vice Chairperson  
III B.Com



**Sree Lakshmi A M**  
General Secretary  
III B.Com



**Abhijith A**  
Magazine Editor  
III B.Com



**Akshay Muralidharan**  
Arts Club Secretary  
II BC& IMB

### Silver Jubilee Celebrations Flag-off Meeting



Sree Ayyappa College was started in the year 1995. The academic year 2019-2020 is the silver jubilee year of the college. In regards, on 3rd September, 2019 in the presence of Shri. Shaji Cherian, honorable M.L.A, the Silver Jubilee celebrations Flag off meeting was held. On this day, inauguration of several initiatives like energy conservation, home for homeless project, awarding scholarships and appreciating the University Youth festival winners were held.

### International Conference on Advanced Innovation in Science, Engineering & Technology

Sree Ayyappa College and TECHOWN research & publication jointly organized an International conference on "Advanced Innovation in Science, Engineering & Technology" on 8<sup>th</sup> and 9<sup>th</sup> November, 2019 at College premises.



Prof. (Dr.) Johan Bin Mohammad Sharif, Faculty in Computer Science, University of Technology, Malaysia inaugurated the conference. College Principal Dr. K.S. Anil Kumar, Prof. Annie Abraham, Hon. Director of Research, Department of Biotechnology, University of Kerala, Dr. Gireeshan MG, Scientist were dais members. The accepted papers were presented as oral presentation by the researchers. The peer reviewed journals were published in UGC care approved journal named as “Science, Technology and Development Multidisciplinary journal” with ISSN No. 0950-0707.



### Regalia - an International Cultural Fest

NSS unit of Sree Ayyappa College in association with NSS, University of Kerala organized an International Cultural Fest Regalia on 2nd December, 2019 at Sree Ayyappa College campus about the brief history of Central & Southern African Tribes and culture. It was organized in the spirit of celebrating the integrity of cultures and their beautiful diversities. It gave a platform for students in Colleges affiliated to University of Kerala to showcase our cultures of performance and to watch performances from other African Countries. About 80 students from different colleges participated and presented Vanchipattu, Nadan pattu, Margamkali, Thiruvathira, traditional & classical dance forms and traditional & modern instrument music.



### Alumni Association 2019 - 2020

As part of Silver Jubilee Celebrations, Alumni Association of Sree Ayyappa College has organized Annual Alumni Meet SMRITIPPOKKALAM 2019 and GURUSANGAMAM (a meeting with the retired and transferred staff of this College) on 14th September 2019 at the College Auditorium. The function was inaugurated by the famous Malayalam cine- lyricist Sri. O. S Unnikrishnan. Around 200 people participated in the event.



### Gurusangamam

The blessed occasion 'Gurusangamam' was organised in the twenty-fifth anniversary of the college to honour all the retired Principals, veteran Professors and office staff who were either retired or transferred from Sree Ayyappa College, for their contribution towards the growth of the college.





## Scholarship Distribution



The scholarships SUSMRITI introduced and operated by Alumni was distributed to three qualified students of each UG Department. The scholarship of Rs. 1000/- to the meritorious and economically backward students of Department of Electronics is sponsored by Mr. Sreejesh Chandran of 1998 batch of Department of Electronics. Mr. Sreejesh Chandran from the 1998 batch of the Department of Electronics has also contributed another amount of Rs.50,000/- to the general Scholarship fund. Mr. Madhu, Mr. Ratheeshkumar, Mr. Radhakrishnan and Mrs. Remya represented the 2000-2003 batch students of Department of Electronics and have transferred a cheque for an amount of Rs.50,000/- towards the general Scholarship Fund.

## Smriti Nimisham

Gurusangamam was followed with Smriti Nimisham. The first batch of students (who took their admission in 1995) were presented with a memento. Following the business meet, executive committee members were selected for the functioning of Alumni Association for the current academic year. All the participants were treated to a sumptuous 'Ona Sadhya' which was followed by a photo session and farewell.



## NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING (NPTEL)

The National Programme on Technology Enhanced Learning (NPTEL) was initiated by seven Indian Institutes of Technology along with the Indian Institute of Science, Bangalore. The NPTEL co-ordinator/single point of contact (SPOC) of Sree Ayyappa College, Chengannur was Dr. R.T. Ananth Kumar, Assistant Professor of Physics. For NPTEL courses, the college ID is 2514. In the academic year 2019-2020, a total number of 5 faculty and 121 students attended the NPTEL examination. Among that, fourty seven has successfully completed the course. Dr. Suresh S, Associate Professor of Electronics, has secured 97 % consolidated score in the course titled "Developing soft skills and personality".

## NPTEL - AICTE Faculty Development Programme completed in 2019-2020



**Dr. Suresh S**  
Department of Electronics



**Dr. Sreeraj M**  
Department of Computer Science



**Mr. Shibu V**  
Department of Computer Science



**Mr. Praveen Raj**  
Department of Commerce

## Research Activities

### LIST OF BOOKS PUBLISHED IN 2019-2020

S.No.	Faculty & Department	Topic	Publisher	ISBN
1.	Dr. Suresh S (Electronics)	Microstrip Fed Dielectric Resonator Antennas	LAMBERT Academic Publishing	978-620-2-51149-0

## International Journal Publications in 2019-2020

S.No.	Name & Department	Topic	Journal	Volume No. (Year) Page No.	Impact Factor
1.	Dr. K.S. Anil Kumar (Principal)	Security and performance enhancement of fingerprint biometric template using symmetric hashing	Computers & Security	90(2020)101714	3.062
2.		Breast cancer diagnosis using stacking and voting ensemble models with Bayesian methods as Base Classifiers	Science, Technology and Development	IX (2020) 108	0.28
3.		Rule-based cognitive modeling for multimodal intelligent tutoring systems	International journal of psychosocial rehabilitation	24 (2020) 1754	0.08
4.	Dr. Suresh S (Electronics)	Photovoltaic Application of rice flake -shaped ZnO	Journal of Electronic Materials	49 (2020) 3290	1.676
5.		Effect of substrate temperature, laser energy and post -deposition annealing on the structural, morphological and optical properties of laser -ablated perovskite BaSnO <sub>3</sub> films.	Applied Physics A	125 (2019) 743	1.784
6.		Influence of background oxygen pressure and post -deposition annealing on the structural, morphological, optical and luminescence properties of laser ablated SrWO <sub>4</sub> thin films	Materials Science in semiconductor processing	103 (2019) 104615	2.722
7.	Dr. R.T. Ananth Kumar, (Physics)	Photoreponse investigation of polycrystalline gallium antimonide (GaSb) thin films	American Institute of Physics Advances	10 (2020) 035201	1.579
8.	Dr. Nitha B (Biochemistry & Industrial Microbiology)	Arachis Hypogaea	Kerala Karshakan English Journal	8 (2020) 46	--

## Conference Presentations in 2019-2020

S.No.	Name & Department	Topic	Conference	Date	Institution
1.	Prof. Prakash K C (Electronics)	Dual Band Circularly Polarised Microstrip Antenna for Wireless Applications	International Conference on Advanced Innovation in Science, Engineering & Technology	8 <sup>th</sup> and 9 <sup>th</sup> November, 2019	Sree Ayyappa College, Chengannur
2.	Mr. R. Rohith (Electronics)	Nullor Based Design of Linear Equivalent Circuits	International Conference on Advanced Innovation in Science, Engineering & Technology	8 <sup>th</sup> and 9 <sup>th</sup> November, 2019	Sree Ayyappa College, Chengannur
3.	Dr. Nitha B (Biochemistry & Industrial Microbiology)	Mushroom Morchella esculenta mycelium, a novel source of nutraceutical protect DNA and mitochondria from radiation induced damages	International conference on Advances in Food and Industrial Biotechnology .	25-26 <sup>th</sup> November, 2019.	Mar Athanasious College of Advanced Studies, Thiruvalla.
4.		Mushrooms an untapped source of powerful nutraceuticals.	International Conference on Advanced Innovation in Science, Engineering & Technology	8 <sup>th</sup> and 9 <sup>th</sup> November, 2019	Sree Ayyappa College, Chengannur

## Participation in orientation programmes/ conferences/workshop outside the college in 2019-2020

S.No.	Name & Department	Topic	Institution	Date
1.	Dr. Vidhya N (Mathematics)	U.G.C sponsored Refresher Course in Mathematics (Winter School in Basic Sciences)	U.G.C Human Resource Development Centre, Kannur University, Kannur	28.11.2019 to 11.12.2019
2.	Dr. Sandeep S (Chemistry)	Orientation Programme XLII	Kannur University, Kannur	09/01/2020 to 29/01/2020
3.	Dr. Nitha B (Biochemistry & Industrial Microbiology)	Refresher Course in Citation Network Analysis and Exploratory Data Analysis using R software	UGC-HRDC University of Kerala, Thiruvananthapuram	18/02/2020 to 02/03/2020
4.	Dr. Remya L (Hindi)	Refresher course in Education & Teaching methods	UGC-HRDC University of Kerala, Thiruvananthapuram	04/03/2019 to 11/03/2020
5.	Dr. Rejiya C.S (Biochemistry & Industrial Microbiology)	Refresher course in Education & Teaching methods	UGC-HRDC University of Kerala, Thiruvananthapuram	04/03/2019 to 11/03/2020

## Department of Electronics

### Centre for Outreach Society Activities



Department of Electronics with technical support from IIT Mumbai in association with Unnath Bharath Abhiyan and National Service Scheme conducted Student Solar Ambassador Workshop on 2<sup>nd</sup> October, 2019. A total of fifty students participated in the one day workshop. The programme was inaugurated by Dr. Shreekrishnakumar (Director, School of Technology and Applied Sciences, Mahatma Gandhi University, Kottayam and former Director, AICTE). At the end of the day, with 50 lit solar lamps, the participants took the energy conservation oath



## Printed Circuit Board (PCB) Design and Making Unit



Department of Electronics conducted a workshop for the students in PCB design and making on 8/8/2019 and 21/8/2019. The workshop was led by Mr. Remesh Kumar, Doctorant (Flexible PCB design), Mahatma Gandhi University. After the successful completion of the workshop, the department has set up a PCB Design and

Making Unit composed of UV lamp assembly, etchant, developer, remover and laminator. The unit is highly useful for students in academic and R&D activities.

## LED Bulb Assembling Unit

Department of Electronics set up an LED bulb assembling unit in association with Centre for Outreach Society activities. The unit aims to (1) train the students in assembling quality LED bulbs, (2) provide bulb assembling training for school and college students, interested public and NGOs. The unit sells a 9w led bulb with 1 year warranty. In addition to LED bulbs, the unit has also assembled LED stars during the Christmas season.



## One-day Workshop- Energy Conservation Practices & LED X'mas star making

Department of Electronics conducted a workshop for school students on energy conservation and LED star assembling on 20<sup>th</sup> November, 2019. Hands on training was given to school students for assembling multi-colour LED stars. More than 60 students from various schools had participated in the workshop and shared their experience.



## One-day Workshop- Energy Conservation Practices & LED X'mas Star Making

Department of Electronics, in association with Student Police Cadet (SPC) and Scouts, SN trust HSS, Cheriyanad conducted a one day workshop at SN Trust HSS on energy conservation practices and LED star assembling on 23<sup>rd</sup> November, 2019.

The programme was inaugurated by Dr. Anilkumar KS, Principal, SAC Eramallikkara. Around 50 students attended the programme and 36 students assembled their own LED stars.



## One-day Workshop- Energy Conservation Practices & LED X'mus star making

On 20<sup>th</sup> November, 2019, Department of Electronics, in association with National Service Scheme, conducted a one day workshop at Metropolitan Hr. Sec. School on importance of energy conservation and hands-on training in LED star making. Around 50 students attended the programme.



## One-day Workshop- Energy Conservation Principles and Practices & Hands-on Training in Energy Efficient Lighting

On 10<sup>th</sup> December, 2019, Department of Electronics, in association with Energy and Environment Conservation Club, SG College, Kottarakkara conducted a one day workshop on energy conservation practices and hands on training in LED bulb and LED star assembling. The workshop was inaugurated by Prof. Usha Kumary KL, Head, Dept. of Electronics, SAC.





### One-Day Workshop- "Energica"-oorjolsavam-2019

The Department of Electronics, on 14th December, 2019 conducted a one day workshop "Energica"-oorjolsavam-2019 at Malabar College of Advanced Studies, Vengara, Malappuram. The aim of the workshop was in conveying the energy conservation theme to rural women. The participants were given training to build LED star and bulbs on their own. The programme was supported by the District Panchayath, Malappuram



### One-day Workshop- "Energy conservation practices"

Department of Electronics, Sree Ayyappa College Eramalikkara conducted a one day workshop on energy conservation practices on 25th December, 2019, in connection with the National Service Scheme camp of Metropolitan Higher Secondary School, at Puthencavu. The workshop had an academic session which demonstrated the role of LED in energy conservation. A technical session was also conducted and the participants were trained to assemble 9W LED bulbs. 50 bulbs were assembled.



### One-day Workshop on Microcontrollers and Its Applications

On 24<sup>th</sup> January, 2020, Department of Electronics, conducted a one day workshop on microcontrollers and its applications for the BSc Electronics students. The programme was inaugurated by Prof.(Dr) Nisha Kuruvilla, Principal, College of Engineering, Kallooppara, Pathanamthitta Dist. The workshop was led by Sri. Remesh Kumar, Senior Research Fellow, MG University, Kottayam. Hands on training was given to the students for writing programs and setting up circuits using 8051 microcontroller. Around 50 students participated in the workshop.



### Invited talk on Recent Trends in Mobile Communication and Job Opportunities

Department of Electronics conducted an interactive invited talk on recent trends in mobile communication and its job opportunities for the final year BSc Electronics students on 18th February, 2020. The session was handled by Mr. Binish Thomas, Militia Mobile Care, Mavelikkara.



## DEPARTMENT OF BIOCHEMISTRY & INDUSTRIAL MICROBIOLOGY

### Campus placement Drive

Department of Biochemistry and Industrial Microbiology organized a placement drive on 07<sup>th</sup> August, 2019 in the college auditorium. The placement drive was conducted by Pulse Hi Tech Diagnostic Centre, a CMC Vellore accredited ISO 9001: 2015 certified diagnostic Centre at Thripayar, Thrissur for the vacancy of Microbiologist.



Dr. Lakshmi Gopidas, Assistant Professor, Microbiology, S.N College, Kollam and Ms. Shahana S, Assistant Professor, Microbiology, National College, Ambalathara, Trivandrum were the subject experts. Five girls and two boys participated in the Placement drive. Rabia. M. Nizam was selected and placed in Pulse Hi Tech Diagnostic Centre as for the post..

### WATER QUALITY ANALYSIS



Department of Microbiology carried out the water quality analysis at Hindu UP school, Eramallikkara, Public Health Centre, Eramallikkara and several homes of Thiruvandoor and Kuttanadu Panchayath on request during the month of June to August 2019 at free of cost.

### DEPARTMENT ALUMI MEET OF 2015 BATCH



An Alumni meet of 2015 batch was organized on 1st September, 2019. Dr. N. Madhavan, Assistant Professor, Physical Education inaugurated the programme. Teachers and students shared various memories and photo and video presentations were made by the students.

### WORKSHOP ON MUSHROOM CULTIVATION



The Department of Biochemistry & Industrial Microbiology in association with Science club organized a workshop on Mushroom Cultivation in collaboration with Central Plantation Crops Research Institute, IACR, Kayamkulam. Panchyath ward member Mr. Renjith inaugurated the programme. Dr. Lekha, Subject matter Specialist, Plant pathology, CPCRI handled the session. She gave a lecture on the importance of mushrooms, nutritional properties of mushroom and cultivation of mushrooms. She also demonstrated the techniques of mushroom cultivation. The Department has started a mushroom cultivation unit.

### ONAM CELEBRATION



Onam celebration was conducted on 5<sup>th</sup> September 2019. The students from the department actively participated and presented various Onam programmes.



### OZONE DAY CELEBRATION



The Department of Microbiology in association with Science Club organized an essay competition on Ozone Layer Destruction-Threats and Solutions for the college students. Sharika. S from Computer Science Department won the first prize for English essay competition. Silpa S from Microbiology Department won the first prize for Malayalam essay competition.

### IRON SNACK COMPETITION



The Department in association with Womens study unit and Science Club organized an iron rich snack competition in connection with National Nutritional Month on October 3<sup>rd</sup> 2019. This year the theme was “Eat Right Beat Anemia”. Students from different Departments made and presented different Iron rich snacks. The judges evaluated the dishes and the first prize was shared by Bhagyjyothi.J.L from Microbiology Department and Sharika. S from Computer Science Department.

### PARTICIPATION IN INTERNATIONAL LECTURE WORKSHOP



On 10, 11<sup>th</sup> October, 2019 Students from 2019 batch participated in two day international lecture workshop at MACFAST Thiruvalla on cell cycle and cell death by Tim Hunt who is winner of Nobel Prize in Physiology in 2011 for his famous discoveries on cell cycle.

### SETTING UP OF MUSHROOM PRODUCTION UNIT



The Department has started a mushroom production unit in the college. After acquiring techniques from the workshop teachers of the Department and students started a mushroom production unit. As an initial start up five to six bags were filled and we obtained around 8 kgs of mushrooms. The first harvest was handed over to the

Principal. The spawn for the production was obtained from CPCRI Kayamkulam. The Department has a plan to expand the mushroom production to a market level.

### ONE DAY WORKSHOP ON EASY COMMUNICATION TIPS AND MEDITATION



The Department in association with women's study unit organized a one day day workshop on easy communication tips and meditation on 4<sup>th</sup> Novemebr 2019.Dr.K.S.Anil Kumar inaugurated the programme. International trainer Dr. Baba Alexaander handled the classes. He explained various easy tips for communicating English and also took the students into deep meditation sessions.

### WORKSHOP ON MUSHROOM CULTIVATION



The Department of Microbiology in association with Science club conducted a one day workshop on Mushroom cultivation at A.J.College, Thonnakkal. Dr.Nitha B handled an academic session on mushroom cultivation. After that a hands on training was given to the NSS volunteers of A.J.College.

### BIMA MICROBIOLOGY ASSOCIATION INAUGURATION AND SEMINAR ON IMPACT OF DRUG RESISTANCE IN SOCIETY AND ITS BIOCHEMICAL ACTION

The association of Biochemistry and Induatrial Microbiology was inaugurated on 12<sup>th</sup>



December 2019. The Department organized a seminar on impact of drug resistance in society and its biochemical action in association with ASPIC club. Dr.Prasanth Rathinam Assistant Professor, Deaprtment of Biochemistry, Pushpagiri Institute of Medical Science handled the academic session.



### INTERUNIVERSITY QUIZ COMPETITION- ESPIAL 2019



On 18<sup>th</sup> December, 2019 the Department of Biochemistry and Industrial Microbiology in association with Science club organized an Interuniversity quiz competition. Students from 14 colleges participated in the quiz programme. Dr.M.A.Lal, News Reader Kairali TV was the quiz master. Team from

University of Hyderabad won the first prize. Students from D.B.College Sasthamkotta won the Second prize. Team from S.N.College Kollam won the third prize.



### THREE DAY WORKSHOP CUM TRAINING ON MUSHROOM CULTIVATION & FIELD VISIT



A three day workshop cum training on mushroom cultivation & field visit at CPCRI Kayamkulam from Dec 19<sup>th</sup> to 21<sup>st</sup> 2019 was organized for three days. 25 students participated in the course. Central Plantation Crop Research Institute is a central government institute under ICAR which offers

various agriculture-based training and courses in Alappuzha District. The students got a wonderful training in mushroom cultivation from CPCRI.

### WORKSHOP ON MUSHROOM CULTIVATION



On 21<sup>st</sup> December, 2019 the Department of Biochemistry and Industrial Microbiology organized a workshop on Mushroom Cultivation at S.N College, Kollam. Dr.Nitha.B, HOD, handled the classes. After the training each group of



the students made one mushroom.

### NATIONAL SEMINAR ON RIVERS FOR FUTURE



The Department of Biochemistry and Industrial Microbiology in association with Science Club organized a one day National Seminar cum workshop on Rivers for future on 23rd January 2020. Dr. Suraya Narayana. K.R, Regional Director, Central Ground Water Board inaugurated the seminar. Er. V.Mohan Murali,

Superintending Engineer, Central water commission, C&S Circle Bengaluru delivered the keynote address. Dr.V.R.Rani, Scientist, CGWB handled an academic session on Rain Water Harvesting and Artificial Recharging and Dr.Mrunal Baruah, ARO, CWC Kochi handled the academic session on water quality studies in Pampa Basin.

### SHORT FILM ON IMPORTANCE OF WATER- PRATHIBHIMBHAM

During January 2020, the students of fourth semester directed a short film named PRATHIBHIMBHAM which speaks of the importance of water. This short film passes a message to the society about the importance of keeping water clean. The short film named Prathibhimbham also warns about harmful effects of dumping wastes in to the drinking water sources

## INDUSTRIAL VISIT TO GOA



The Industrial visit of final year students was organized on January 27<sup>th</sup> to 30<sup>th</sup> 2020. The visit was to National Institute of Oceanography Dona Polo, Goa. The team consisted of 26 students and 2 faculty members- Dr. Nitha. B and Dr. Rejiya.C.S.

## AWARENESS CLASS ON PERVENTIVE MEASURES FOR CORONA OUTBRAEK

The Department of Biochemistry and Industrial Microbiology in association with NSS organized a class on Corona outbreak on February 5<sup>th</sup> 2020 which is widely spreading in the world and becoming a threat for the society. Dr. Sajith.S, Medical officer, PHC, Eramallikkara and Sri. Jain, Health Inspector, PHC, Eramallikkara handled the sessions and explained different strategies to follow in order to prevent corona outbreak.

## ASPIC CLUB ANNUAL MEETING

The students of the Department participated in annual meeting of ASPIC club at Kottayam on 20<sup>th</sup> February, 2020. The meeting had seminar sessions on antibiotic resistance and multidrug resistant pathogens.

## HAND SANITIZER PRODUCTION AS A PART OF BREAK THE CHAIN PROGRAMME TO CONTROL THE CORONA VIRUS OUTBREAK

The Department in connection with Break the Chain programme of WHO to prevent Corona outbreak, was actively involved in the hand sanitizer production to help different institutions, other Departments and supplied hand sanitizers free of cost. The faculty of the department made hand sanitizer by following the guidelines of World Health Organization. This was distributed to the students and staff of college. The college distributed the sanitizer free of cost to the Panchayath office, Ayurveda Dispensary, Veterinary Hospital Eramallikkara. The sanitizer was also given to Govt HS Thiruvananthapuram, Govt ITI Chengannur for their office staff and students, Press Club Chengannur, Balabhavan Thiruvalla, KSEB Chengannur etc. The faculty of the department actively participated and made a joint venture with Technopark Trivandrum and distributed around 1000 bottles of hand sanitizers to the staff of Technopark. Training was also given to various schools to make hand sanitizer.



## Department of Computer Science

### Two-day National Workshop on “FOSS FEST” LATEX & GITHUB

The PG department of Computer Science, FOSS CELL & IQAC of Sree Ayyappa College organized a two day National workshop on “FOSS FEST” LATEX & GITHUB on 10<sup>th</sup> & 11<sup>th</sup> January, 2020. The workshop was sponsored by International Centre for Free and Open Source Software, Government of Kerala. The workshop mainly focused on the basic knowledge, fundamental principles and hands on session of LATEX & GITHUB to the students. Nearly fifty three students participated and Mrs. Jincy Baby, Mr. Mujeeb Rahman (Members of Foss Cell Community) were the invited speakers for the workshop.



### One-day Training Programme to School Students on Database Management system

The PG Department of Computer Science conducted a one-day training programme on the topic 'Database Management System' for the students of St. Mary's Higher Secondary School, Niranam on 11th November 2019. The training programme mainly motivated the students and prepared them for the current job fields of DATABASE and SQL QUERIES. Mrs. Saranya P M and Mrs. Nimisha Philip were the trainers. Nearly 46 students were participated in the event.



### Training programme to School students on Web Designing

A training session on Web designing to School students of St. Mary's School, Niranam was organized by the PG Department of Computer Science on 23rd October 2019. The training mainly focused on HTML, CSS and javascript. 42 students participated the training programme given by Prof. Sreelekshmi A N and Ms. Reshma Dharman.



### Department of Mathematics

#### National Mathematics Day Celebration & Association Inauguration



The department of Mathematics, in association with P.T.A of Sree Ayyappa College has conducted a one day programme on National Mathematics Day celebration and inauguration of Mathematics association on 14<sup>th</sup> January, 2020. Dr. Vidhya N, Head, Department of Mathematics was the convener of the programme. Dr. A Vijayakumar,

Emeritus Professor and former Head of the Department of Mathematics of CUSAT was the Chief Guest of the day. Prof. Manesh Jacob, Assistant Professor, Department of Mathematics, Marthoma College, Thiruvalla gave the second plenary lecture.

#### Mathematics Department ALUMINI MEET 1995-2019 BATHCHES



As a part of silver jubilee celebration of the college, the Department of Mathematics has successfully conducted the Alumini meet of 1995-2019 batch students on 28<sup>th</sup> August, 2019. The convener of the Alumini meet was Dr. Vidhya N, Head, Department of

Mathematics. More than 50 old students participated in the Alumini meet and shared their memories.



#### Onam Celebration of Mathematics Department students



Onam celebration was conducted on 5<sup>th</sup> September 2019. The students from the Department actively participated and performed various Onam programmes.





## Department of Commerce

### Study Tour

The III year B.Com students went for a study tour on 5-8th September, 2019 to different places in Karnataka. Two faculty members also joined the students.



## DEPARTMENT OF LANGUAGES

### Kathakali Workshop



A one day workshop was conducted on “Kathakaliyum, Malayala Bhashayum” on July 17<sup>th</sup>, 2019 organized by Thinking Aloud club. The workshop focused mainly on Nalacharitham attakatha.



### Mathrubhumi Literary Quiz



As part of Mathrubhoomi International Literary Fest, a literary Quiz was conducted at college on 7<sup>th</sup> January 2020. Seven teams participated. K S Sarika (I B.Sc. Computer Science) & Gowri Priya M (I B.Sc. Mathematics), students of Sree Ayyappa College, won the first prize in quiz. The prizes were awarded at the function “athijeevikkunna aksharangal” organised by Mathrubhoomi. at SD college, Alappuzha.

### Participation at Ilanjimel K.P Raman Nair Bhasha Padana Kendram Samskarikotsavam and the 'Ka' Mathrubhumi International Festival of Letters



On 26<sup>th</sup> January, 2020, at the cultural fest conducted by Ilanjimel K P Raman Nair Bhasha Padana Kendram, 20 students participated from our college as part of the Club activities of Thinking Aloud. The students got the opportunity to interact with various artists and also recited poems in the events. Also twelve Students from the college participated in the 'Ka' Mathrubhumi International Festival of Letters held from 30<sup>th</sup> January to 2<sup>nd</sup> February 2020.



## DEPARTMENT OF PHYSICAL EDUCATION

Dr. Madhavan N, Head, Department of Physical Education, has participated and worked as Technical Officer in KHELO INDIA YOUTH GAMES 2020, at Guwahati, Assam during 10<sup>th</sup> January to 22<sup>nd</sup> January 2020



### 2<sup>nd</sup> All Kerala Shuttle Badminton Tournament 2019

St. Mary's Badminton Academy, Thiruvalla organized 2nd All Kerala Shuttle Badminton Tournament and its final event was held on 18<sup>th</sup> September, 2019 at St. Mary's Badminton Indoor Court, Thiruvalla. Dr. K.S. Anil Kumar was the chief guest and distributed the prizes to the winners.



The College Football, Cricket teams during the academic year 2019-2020 participated in several tournaments along with different colleges under University of Kerala.



The Inter-college table tennis match held in college campus on 16<sup>th</sup> November, 2019



The Sports Day of Sree Ayyappa College was held on 03<sup>rd</sup> March, 2020.

### FREE AYURVEDA MEDICAL CAMP



Sree Ayyappa College, Eramalikkara in collaboration with Indian System of Medicine , Alappuzha District Panchayat & Thiruvannandoor Grama Panchayat conducted a free Ayurveda medical camp at the college campus on 23<sup>rd</sup> December 2019 for the residents of Thiruvannandoor

grama panchayat. This is the first time an Ayurveda medical camp is organized in our college since 1995. Medical camp was inaugurated by Shri.G.Venugopal , President , Alappuzha District Panchayat and medicine distribution was inaugurated by Prof. Aley Kutty Kuriakose , President , Thiruvannandoor Grama panchayat . The medical officers present were Dr. Manoj M , Senior Medical Officer (NC), Govt. Ayurveda Hospital, Pathanamthitta, Dr.Girija S , Senior Medical Officer (NC), Govt. Ayurveda Dispensary , Thiruvannandoor and Dr.Raji , Medical Officer, Govt Ayurveda Dispensary , Cherianad. More than 125 people were treated free of charge and were given free medicine.



Dr Manoj M receiving silver jubilee memento from the college Principle Dr.K.S.Anil Kumar

### Renovation project of Hostel for Women



On 11<sup>th</sup> November, 2019, the inauguration function was held at college auditorium for the renovation of Hostel for Women. Sri. A. Padma Kumar, Ex. M.L.A, Honorable President, Travancore Devaswom Board was the chief guest for the function. For better comfort and more sophisticated residential facilities for students, the study room, guest room, indoor recreation room and three brand

new rooms will be renovated.

### NAAC Orientation Programme

An orientation class on the new criteria of NAAC accreditation was delivered by Prof. A.B. Vedomurthy, Professor, Department of Biotechnology and Microbiology, Karnatak University, Dharwad, Karnataka on 20th September, 2019. He was a NAAC peer team member. The orientation class was attended by all the faculty members of Sree Ayyappa College





## Release of College Newsletter and Magazine



Sree Ayyappa College Newsletter 2018-2019 was released on 20<sup>th</sup> December, 2019 by Sri. N. Vasu, Honorable President, Travancore Devaswom Board, at the Devaswom board office, Thiruvananthapuram. Dr. R.T. Ananth Kumar was the Editor of the Newsletter 2019. The Newsletter 2018-19 was realized by the consistent effort and financial support of the SAC PTA. Dr. K.S. Anil Kumar, Principal, Sree Ayyappa College released the College Magazine 2018-2019 on 20<sup>th</sup> September, 2019 at the college auditorium.



## SCHOLAR SUPPORT PROGRAMME (SSP)

Scholar support programme, a novel flagship initiative of the Department of Collegiate Education, Government of Kerala at Sree Ayyappa College was held in the year 2019-2020. The co-ordinator of the programme was Prof. Sreelekshmi A N. In this academic year nearly 80 students from five departments benefited from the initiative. The allotted fund to this scheme from the Government was Rs.85,000/- . The external mentoring session was handled by Mrs. Blessy Varghese, Development Executive ASAP on various learning skills, study skills, exam anxiety management and exam writing skills.



## Centre for Adult Continuing Education and Extension (CACEE)



The CACEE started at Sree Ayyappa College on 3<sup>rd</sup> December 2018 was sanctioned four different certificate courses. A farewell function for the students of Certificate Course in Library and Information Science was held on 6<sup>th</sup> September, 2019. A pass percentage of 85 % was achieved for the course.

## Antirragging Orientation Programme

As per the direction of UGC and MHRD, an orientation programme was conducted for first year degree students of the college on 15/10/2019 at 11.30 PM in the College Auditorium. The programme was led by Prof Sobha P K, Associate Professor, Antirragging Nodal Officer of the College. The nodal officer explained the various laws associated with ragging and the right to have a friendly atmosphere on the campus. Around 140 students from all departments attended the programme.



## Orientation Programme for Fresher's 2019 Admission



IQAC organized a one day orientation programme on the University of Kerala regulations relating to the first degree programmes under the Choice Based Credits and Semester System (CBCSS) for first year undergraduate students on 19th October, 2019. Dr. S Sandeep was the convener of the Programme. Prof. Usha Kumari K L, Associate Professor of Electronics, gave an introductory talk about "Curriculum and CBCSS system". Prof. Sobha P K, Associate Professor of Computer Science, gave a lecture session on "Different committee for students grievance".



Dr. R.T. Ananth Kumar, Assistant Professor of Physics, delivered a talk on “University Regulations”. “Evaluation Procedure” by Dr. Lois Jose (Assistant Professor of English), “Club & Extracurricular Activities” by Dr. Ganga G (Assistant Professor of Microbiology) and “Teaching Learning Methodologies & Infrastructure” by Dr. S. Sandeep (Assistant Professor of Chemistry) were the other talks delivered. Also an awareness class about INFLIBNET in association with IQAC was conducted by Dr. Sandeep S, Assistant Professor of Chemistry, Sree Ayyappa College.



### Environmental Day



The World Environmental Day was celebrated at college premises on 6th June, 2019. Dr. K.S. Anil Kumar, Principal, inaugurated the function by planting of trees.



### Yoga Day



On behalf NSS, the International Day of Yoga was celebrated on 21<sup>st</sup> June, 2019 in College campus.

### Blood Donation Camp

NSS unit of Sree Ayyappa College in association with Pushpagiri Medical College, Thiruvalla organized a blood donation camp on 22<sup>nd</sup> January, 2020 at college auditorium.

### PTA General Body Meeting

The PTA General body meeting was held in college auditorium on 24<sup>th</sup> June, 2019. The Principal Dr. K.S. Anil Kumar, The P.T.A Secretary Dr. Suresh S and parents of the students were present in the function.



### IAS Coaching and Orientation session



Sree Ayyappa College in association with AMRITHA Civil Service Academy and Ayudh, Thiruvalla, organized a one day programme on Motivational talks and IAS orientation session on 13<sup>th</sup> January, 2020 at College auditorium.

### Participation in “Swachhata Hi Sewa Campaign”

Swachhhata Hi Sewa Campaign is being launched by Government of India to eliminate use of plastic and to dispose plastic waste. On 1<sup>st</sup> October, 2019 an awareness programme and oath taking by faculty and students were held in college campus against the use of plastic.



## 70<sup>th</sup> Anniversary of Indian Constitution Day



Sree Ayyappa College observed 70<sup>th</sup> Anniversary of Constitution Day of India. As per the direction of the UGC, the students, staff and faculty members came together and read out the Preamble at 11:00 a.m on 26<sup>th</sup> November, 2019 at college campus.



## NATIONAL SERVICE SCHEME

### Flood Relief Campaign

On 10<sup>th</sup> August, 2019, the NSS unit of Sree Ayyappa College started working as the collection unit for the Kerala flood relief programme 2019. The NSS volunteers collected available materials like sanitary napkins, basic medicines, cloth materials, raw dry food items, bottled/canned drinking water, dettol, batteries, candles, matchbox etc from the areas of Eramallikkara, under Thiruvananthoor panchayat. On 14<sup>th</sup> August, 2019, those collected materials were dispatched to the Government of Kerala, Flood relief collection unit at Thiruvananthapuram.



### PLATANODEL FESTIVAL

An Inter University recipe competition exclusively on plantain food products organized by NSS was held in Sree Ayyappa college on 28<sup>th</sup> October, 2019. The participants from various colleges brought the cooked food ready to serve at the College venue along with a video of the preparation along with the recipe. .

### Anti drug Pledge and Cycle Rally

As a part of antidrug awareness campaign there was a cycle rally conducted on 4<sup>th</sup> December, 2019 from Sree Ayyappa college to Thiruvananthoor school. Girls students and faculties were participated in the rally. Dr.Remya.L and Dr.Ganga.G addressed to the volunteers.



### NSS CAMP



NSS CAMP was held during December 19<sup>th</sup>-26<sup>th</sup>, 2019 at College campus. It was inaugurated by Municipal chairman. The unit offered three sewing machine to the deserve candidates and Mou for making cloth bag was undersigned between principal and chairman.





## PUHZHA UZHUKATTE AND FARMING PROGRAMME

In association with BHOOMITHRA club, NSS UNIT and Mulakkuzha Grama panchayath, puzha uzhu-katte and farming programme was organized by Unnath bharathAbhiyan Convener Dr. Ganga G on 22<sup>nd</sup> December 2019. The volunteers of Unnath bharathAbhiyan made futile farmland to fertile land.



Unnath Bharath Abhiyan and NSS unit cordially participated in baseline survey at various adopted villages. Edathuva, Chengannur, Thiruvananthoor, Pandanad and Mulakkuzha.

## Onam Celebration



Onam celebration was conducted on 5th September 2019 at the college campus. The students from all the departments actively participated and performed various cultural programmes.

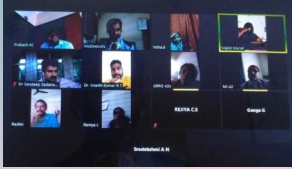


## Arts Day Celebration 2020





## Corona Virus - Meeting during Lockdown Crises



During the Corona virus crisis in India, as per the directions of the UGC and University of Kerala meeting of the teaching faculty with Principal Dr. K.SANIL Kumar was held online on 13<sup>th</sup> April, 2020.



## Major events in the Press



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