

SAHYA ARTS & SCIENCE COLLEGE

# **ANNUAL REPORT**

2019-2020





# **ANNUAL REPORT (2019-2020)**

The 2019-2020 academic year at Sahya Arts and Science College draws to a close, marked by the grace of the Almighty guiding us through every step. Our institution, under the ownership and management of the Sahya Cooperative Society Ltd (Reg No.M862), is dedicated to excellence in education, aiming to lead in nurturing and fostering academic eminence. Established in 2013, the college swiftly affiliated with the University of Calicut.

#### **OUR VISION**

• To become an exemplary institution that delivers intellectual and academic rewards

### **OUR MISSION**

- Ensuring delivery of high-quality education, fostering intellectual growth among our students
- Creating a nurturing and inclusive community, where students, faculty and staff provide a supportive network for academic and personal development
- Embrace lifelong learning and staying abreast of evolving knowledge and skills in an everchanging world.

#### **COURSES OFFERED**

The college provides a diverse range of 10 affiliated courses, including BA English, BA Economics, BSc Chemistry, BSc Psychology, B.Sc. Information Technology, BBA, BCom Computer, BCom Cooperation, BCom Finance, and M. Com Finance. Additionally, it offers various Add-on courses across different disciplines.

# **STAFF & STUDENTS**

The effectiveness of an educational institution hinges on the synergy between its teachers and students. At Sahya Arts and Science College, our faculty consists of highly qualified, knowledgeable, and compassionate educators who are passionate about imparting their subject expertise to our students.





We are fortunate to have a team of teachers who are always eager to innovate and adapt to new challenges, ensuring that they bring out the best in their students. Emphasizing creativity and innovation in pedagogy, we continuously strive to enhance the learning experience.

The backbone of Sahya Arts and Science College lies in its dedicated staff and disciplined student body. With a faculty comprising 56 teaching staff and 10 non-teaching staff members, we ensure a conducive learning environment. Currently, we have a total enrollment of 931 students across various disciplines.

Of the 54 staff members are new arrivals are

1.	Archana P V	-PGDCMS
2.	Jaseena Ibrahim	- PGDCMS
3.	Praveen K	- PGDCMS
4.	Aswathi V K	- PGDCMS

5. Noushad M	- PGDCMS
6. Muhammed Niyas E P	- PGDCMS
7. Irshad Ameen K	- PGDCMS
8. Shahina K	- PGDCMS
9. Jouhar Sadath	- Department of English
10. Shahina M	- Department of English
11. Suneera K	- Department of Economics
12. Muhammed Ibrahim K T	- Department of Economics
13. Shafi A N	- Department of Arabic
14. Rajan K V	- Department of Malayalam
15. Manju Gopinathan	- Department of Information Technology
16. Athira K	- Department of Psychology
17. Rinu Harshida	- Department of Psychology
18. Dr. Dominic Sipson	- Department of Physical Education
19. Nishad N	- Department of Mathematics
20. Anusha K	- Department of Travel and Tourism
21. Muhammed Nisamudheen	- Department of Travel and Tourism

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Dr C.K. Abdul

Science Con



- 22. Silpa M Department Physics
- 23. Muhammed Anu Harshak Department of English

# Relieved staffs

- 1. Neethu C PGDCMS
- 2. Safeena V PGDCMS
- 3. Reshma V S PGDCMS
- 4. Hasna K P PGDCMS
- 5. Aswathi V K PGDCMS
- 6. Dr. Sam Thomas
- 7. Aneeb A
- 8. Hashir P T
- 9. Anusha K

- Department of Physics

- Department of English

- Department of Travel and Tourism

- Department of Information Technology

- 10. Binsiya m
- 11. Athira K
- 12. Rini Harshida
- 13. Midhula Raj E
- 14. Suneera K
- 15. Shafi A N
- 16. Rajan K V
- 17. Manju Gopinath
- 18. Nasi Mol Ahammed

- Department of Psychology
- Department of Psychology
- Department of Psychology
- Department of English
- Department of Economics
- Arabic
- Malayalam
- Department of Information Technology
- Department of Information Technology





## **INFRASTRUCTURE FACILITIES**

- Classrooms: Sahya Arts and Science College boasts 29 well-equipped classrooms, including 12 ICT-based rooms, furnished with fans, lighting, and ample seating arrangements for students.
- Seminar Hall: Our institution features a meticulously arranged seminar hall with comfortable seating, projector facilities, whiteboards, and other essential amenities.
- Auditorium: A well-equipped auditorium serves as a venue for various events and gatherings within the college.
- **Restrooms:** We prioritize student comfort by providing sufficient restrooms for both male and female students.
- Computer Lab: Our fully furnished computer lab houses 16 computers, catering to the technological needs of our students.
- **Psychological Lab:** To support the study of psychology, we maintain a well-equipped psychological laboratory for our students.
- Library: Sahya Arts and Science College hosts a commendable library, featuring a wellfurnished hall and an extensive collection of resources, including over 5924 books, periodicals, supplements, bound volumes, CDs, DVDs, and more.
- **Playground:** The college provides a standard-sized playground to facilitate the physical training and recreational activities of our students.

# PARENT TEACHER ASSOCIATION

On August 8<sup>th</sup>, 2019, the Parent-Teacher Association convened, fostering an essential dialogue between parents and educators. Parents shared valuable feedback and suggestions, while teachers reciprocated by showcasing the academic progress and improvements made by the students.

The PTA serves as a cohesive unit, comprising individuals dedicated to enhancing student welfare and academic achievement. Their collaborative efforts contribute significantly to the holistic development of our students. We extend our heartfelt gratitude and congratulations to the PTA for their unwavering support and cooperation.

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PTA EXECUTIVE MEMBERS (2019-2020)				
President	Prof. Thomas Mathew (Principal)			
Vice President	Sasidaran			
Secretary	Muhammed Ibrahim K T			
Joint Secretary	Ali Hassan			
	Kunhimuhammed			
	Suji Soosan George			
F	Ravindran			
Executive members	Unnikrishnan			
	Prasanth P V			
	Anoop Krishnan K			

# ACADEMIC PERFORMANCE

Competitions and academic activities play a crucial role in cultivating a healthy and competitive spirit among students. These activities are organized across various levels, including classroom, college, and intercollegiate stages. Examples of such activities include essay writing, patriotic singing, elocution, public speaking, letter writing, drawing, and photography contests, among others.

#### EXAMINATION AND RESULTS

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To assess students' educational progress, a variety of evaluations were implemented, including examinations, seminar presentations, assignment work, and project assessments. After each model examination, PTA meetings were organized, allowing the class teacher to meet individually with parents and students to discuss strategies for improving academic performance. Each department also conducted motivation classes, seminars, and training programs tailored to current needs. As a result, our students consistently achieve excellent results in university examinations. DI CX AN

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# ACADEMIC PERFORMANCE OF STUDENTS

The college consistently achieves commendable results in the university examinations. I would like to extend my congratulations to the students who will be receiving awards for their academic excellence.

Course	Student Name
BA English	Athulya Krishnan
BA Economics	Risna Mol T P
BSc Psychology	Farhana K P
BBA	Aswin P
B Com Computer Application	Muhammed Shihab C S
B Com Finance	Vidya Lakshmi V N
B Com Cooperation	Shaik Sameena Abdul Gaffar
BSc Information Technology	Athira M K
BSc Chemistry	Mufsira C P
B A Travel and Tourism	Reehan K T
M.Com Finance	Reshma Varghese

### **COLLEGE UNION ELECTIONS AND UNION INAUGURATION**

For the past several years, our college has adopted the parliamentary mode of election. The most recent college union election was held on 29<sup>th</sup> August 2019. Throughout the academic year, the union organized a variety of activities, including fine arts events, sports and athletics competitions, Onam and Christmas celebrations, college day festivities and so on.





# PROGRAMS ORGANIZED BY CELLS AND CLUBS

I. <u>IQAC</u>

# a) Faculty Development Program (FDP)

From 20<sup>th</sup> May 2020 to 24<sup>th</sup> May 2020, the IQAC organized a five-day Faculty Development Program (FDP) on "Research Methodologies and Practices". The primary objective of the program was to foster a sense of research methodologies and practices among the participants. A total of 46 teaching and 7 non-teaching staff members participated in the event.

## b) One-day Workshop:

On 24<sup>th</sup> August 2019, the Internal Quality Assurance Cell (IQAC) organized a one -day workshop on "Promoting Critical Thinking and Problem-Solving Skills in Students." A total of 25 teachers participated in the workshop, which featured presentations and sessions chaired by in-house faculty

members.

## c) College Union Election- An overview

From August 2021, the Internal Quality Assurance Cell (IQAC) organized an election orientation program for students and teachers. The main objective of the program was to raise awareness about the parliamentary and democratic methods of conducting elections.

# II. NATIONAL SERVICE SCHEME (NSS)

# Short Film:

NSS Unit exhibited their Short Film "THE LIGHTER" at College Auditorium on 5<sup>th</sup> October 2019. The short film was directed by Mr. Sargesh (Th Semester B. Com Finance) student coordinator of NSS Unit. The message of the short film is against the Use of Drugs and the Negligence of Youth.

# NSS Day Celebration:

NSS Unit conducted NSS Day celebration at Wandoor Government Hospital on 24<sup>th</sup> September 2019. The programme was inaugurated by Dr. Sheeja (Medical Officer, Wandoor, Govt Hospital). Mr. Vijayan (HI, Wandoor Govt Hospital) gave the great support to us. NSS Volunteers cleaned both inside and outside of the hospital. Also, they visited the patients of the hospital and distributed lunch kit to





them.

#### Yoga Day:

Sahya NSS Unit has celebrated its yoga day on 21<sup>st</sup> June 2019. The programme was inaugurated by Mr. Sunil Pulikkal, CI Nilambur. Chief guest Ms. Nisha Yoga Trainer conducted a seminar about the importance of yoga and after the presentation she gave a basic practice of yoga.

### Fund Collection for Palliative Clinic:

Sahya NSS Unit in association with Sahya SIP Unit collected Rs. 50000/- from Wandoor, Vaniyambalam and Palamadam area for the treatment of the patients of Wandoor Palliative Clinic on 15/01/2020. The cash handed over to Mr. Kabeer (Palliative Officer) on the same day.

#### Bhavanam Project:

NSS Unit No:254 of our institution constructed a home for a non-teaching staff in our institution by conducting food fests and collecting money from students, different kind hearts in the neighboring of our institution. College Principal Prof. Thomas Mathew handed over the key to the family. Prof.

Mathunni (Statistics Department), Mr. Abdul Razak E (Manager SASC) and Mr. KT Abdullakutty were addressed the audience.

## World Environment Day Observance:

NSS Unit celebrated World Environment Day. NSS volunteers planted many seeds and plants in our college campus on 05/06/2019. The main intention of the day observation is to pass the message regarding the importance of nature and the needs to protect it.

# Awareness Session:

- NSS unit gave the awareness message about Monsoon Disease at NSS adopted village on 13/07/2019. Volunteers explained about the diseases and its symptoms to the public.
- AIDS Day Awareness Programme:

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NSS unit conducted an AIDS Awareness Session on 1<sup>st</sup> December 2019. Mr. Sunil (Health Inspector Wandoor) addressed the volunteers.

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Dr. C.K. Abdal

# Protest Rally:

On 22<sup>nd</sup> November 2019, NSS Unit conducted a protest rally against the injustice of Walayar Sisters by cooperating with other college students and POOMARAM YOUTH CLUB at Wandoor, Manjeri and Perinthalmanna.



## • Eye Camp:

Sahya College NSS Unit and Nilambur Lions Club jointly conducted a "Free Eye Care Camp" in association with ARAVINDA EYE CARE HOSPITL, COIMBATORE at Lions club Hall Mampad on 24/11/2019. The camp was inaugurated by Mr. P V Abdul Wahab M P. more than 600 patients were attended the camp.

# Distribution of Ramdan Kit:

On July 2<sup>nd</sup> 2019 Sahya NSS Unit distributed 40 Ramdan Kit in our college locality.

# <u>Cleaning drive:</u>

NSS Unit No.254 of our institution conducted a cleaning programme on 11/1/2020. The ash tag of the programme was "Ini Njan Ozhukattei". NSS volunteers cleaned and Odathod and collected plastics handed over to Panchayath.

### Street Play "KAALAM"

Sahya College NSS Unit conducted a Street Play "KAALAM" at Pookottumpadam Higher Secondary School Ground On 01/10/2019. The drama was written by Mr. Adithkrishna (NSS Volunteer). The programme was inaugurated by Mr. Rajesh (Sub Inspector, Pookottumpadam). We passed the message to the audience that "Reduce the old age homes and care them at home". Mr. BABU T School HM and other teachers of the school gave great support to us.

# Children's Day Celebration:

Sahya College NSS unit celebrated children's day with nursery school students at adopted village near the college on 14/11/19. We conducted many games and cultural programmes and gave gifts to them. After that we wrote many quotes, words and child helpline number in public places.

# <u>Cleaning Activities at Nilambur Flooded Area:</u>

PINARAMUMNDA WELFARE UNIT, ERANAKULA donated around 4 lakhs worthing groceries, stationery and dress materials on 17/08/19. Sahya NSS and SIP Unit started a second collection point at college campus and sort out all things to kits. 17, 18, 19 and 20 august 2019, we distributed it in many camps, colonies and flood affected areas

# <u>Cleaning Programme in adopted village:</u>

Sahya College NSS Unit Conducted "Swatch Bharath Pakwada" with the aim of "Plastic Free





Environment" on 20/07/19, NSS Volunteers cleaned all the surroundings of NSS adopted village.

WOMEN DEVELOPMENT CELL

#### **One day Pre-Marital Training Programme:**

On 26<sup>th</sup> January 2019 WDC of our institution conducted one day pre-marital training "Maarivil" at College Auditorium. This session was led by Mr. Suresh Kooderi

# OTHER CELLS AND CLUBS

a) ED Club:

### MCC idea Fair:

The MCC Idea Fair, organized by the Entrepreneurship Development (ED) Club of Sahya Arts and Science College, Wandoor in collaboration with the Chamber of Commerce, was held on 28th September 2019. The event aimed to foster innovation, creativity, and entrepreneurship among college

students, providing them with a platform to showcase their ideas and projects. Students from various departments participated enthusiastically, presenting a wide array of innovative ideas and projects.

# Meet up with RBI Personalities:

The Entrepreneurship Development (ED) Club of Sahya College organized a highly informative and interactive meet-up on the 7th of February 2020. The focus of the event was to provide insights into the workings of the Reserve Bank of India (RBI) through interactions with prominent personalities from the institution.

# DEPARTMENT PROGRAMS

# 1. PG DEPARTMENT OF COMMERCE AND MANAGEMENT STUDIES

The Post Graduate Department of Commerce and Management Studies at Sahya Arts and Science College is the first ever PG Department in the campus which was established in the Academic Year 2013-2014. The vision of the department is to emerge as a luminary in the global commerce domain by pursuing excellence in commerce education, equipping the students with knowledge and skill, creating an environment to realize their fullest potential and mold them in to promising citizens of the nation. The department strives to offer high quality professional education and training to create highly competent academicians, administrators.





# **ACTIVITIES OF THE DEPARTMENT**

# Power Point Presentation

On 20&23/09/2019 the department has conducted a PPT presentation competition for students. The program enhanced student's multimedia skill, presentation skill.

#### Commerce Exhibition

5/10/2019 the department has conducted COMMERCE EXHIBITION students of commerce department participated in the program. Various events were conducted. It builds innovative thinking skill among student.

# Workshop On "How To Fill Up Cheques"

03/03/2020 students were given a practical class on how to fill cheque. it helped student to overcome the problems while they fill a cheque. SEMINAR ON GST IN COLLABORATION WITH I BAT INSTITUTE MANJERI 22/01/2020 commerce department has conducted seminar on GST in order to take the class I BAT team came to our college.

### Power Point Presentation

The PG Department of commerce and management studies conducted intra department power point

presentation for student on 29/8/2019. To enhance their technical knowledge about PowerPoint presentations are frequently used in educational settings to facilitate learning. The aim here is to convey academic content in a structured and visually appealing manner, helping students grasp complex concepts, theories, or subject matter more easily.

# B. Com Finance Association Inauguration

10/10/2019 conducted association in seminar hall. Finance department conducted various program. Students also elected association secretary.

# Quiz Competition:

On 11/10/2019, PGDCMS conducted Quiz Competition. The main aim of conducting this programme was to improve students critical thinking power and knowledge level in current affairs. Students are actively participated in the programme.

# Department Tour

Departmental tour was held during23/12/2019 to 26/12/2019. Study tours provides students with the opportunity to gain new skills and knowledge through integrated lessons with the environment.

# Fusion Product Launch Event

Product launch event was organized in our college by PGDCMS on 4-1-2020 in which seven groups had participated. Each group has to launch their product during the event and was supposed to do promotion of that product.





# Add On Course:

PGDCMS provided add on courses to the students. It aims at imparting crucial job skills to the students and enabling them to acquire an additional certificate along with their degree certificate. Making the students job oriented that's the motive of our department

# Commerce Exhibition

To instill practical knowledge and basic understanding of commerce subject, the PGDCMS of our college has organized an exhibition on 5-10-2019. The Idea was to felicitate personality development by involving students in basic practical understanding of the subject.

### Financial Planning for Executives

PGDCMS conducted financial planning program on 19-9-2019. It helps executive for developing and implementing comprehensive financial plans to support the company's strategic goals.

#### 2. DEPARTMENT OF PSYCHOLOGY

The Department of Psychology refers to an academic division within a university or educational institution that offers advanced studies in psychology beyond the undergraduate level. In this department, students pursue specializing in various branches of the discipline. The department typically conducts advanced research, offers specialized courses, and provides a platform for in-depth study and exploration of psychological theories and applications.

# 1. Pre-summit conference

Pre-summit conference conducted by Department of Psychology and IQAC of Sahya Arts and Science College. The guest Raheemudheen PK was spoken on the topic "Psychology as a Tool for Self Enhancement 'on 31/7/2029, under the guidance of psychology circle has part of pre-summit conference.

# 2. Mental Health Day

The Department of Psychology of Sahya Arts and Science College conducted POSTER MAKING on the topic on "SUICIDE PREVENTION" 05 October 2019. The students from the Department of Psychology actively participated the programme. Total of 5 students wrote the essay and 8 students makes the posters. The bat presentations are used to chart exhibition conducted on World Mental Health Day on the college. The students from the department of psychology proudly present the psychodrama on the topic SUICIDE PREVENTION college open stage. On the drama they convey that in every 40 seconds a suicide happens.





#### 3. Psychology Association Inauguration

Psychology Department conducted association inauguration on 15<sup>th</sup> October 2019 Tuesday at college auditorium. Program started at 10 30 and ended at 12.30pm. Principal Prof Thomas Mathew inaugurated the function. Guest of the day Mr. Sabih, Clinical Psychologist, DMHP, Medical College, Manjeri take a session about MENTAL WELLBEING Ended the program with vote of thanks student representative.

# 4. Add on course

The Department of Psychology conducted add on course for both 1<sup>st</sup> and 2<sup>nd</sup> BSc. Psychology students, in the academic year of 2019-2020.

### 5. Internal Exam

The Department of Psychology conducted an internal exam for 1,2<sup>nd</sup> and 3<sup>rd</sup> year students.

# 3. DEPARTMENT OF ECONOMICS

The Department of Economics is involved many academic activities that keeps on engaging and helping our students to achieve their academic goals. The department has economic students' association in which all academic programmes will be organized by the students through which they can developed their potential and find interesting thing about subjects apart from class room learning

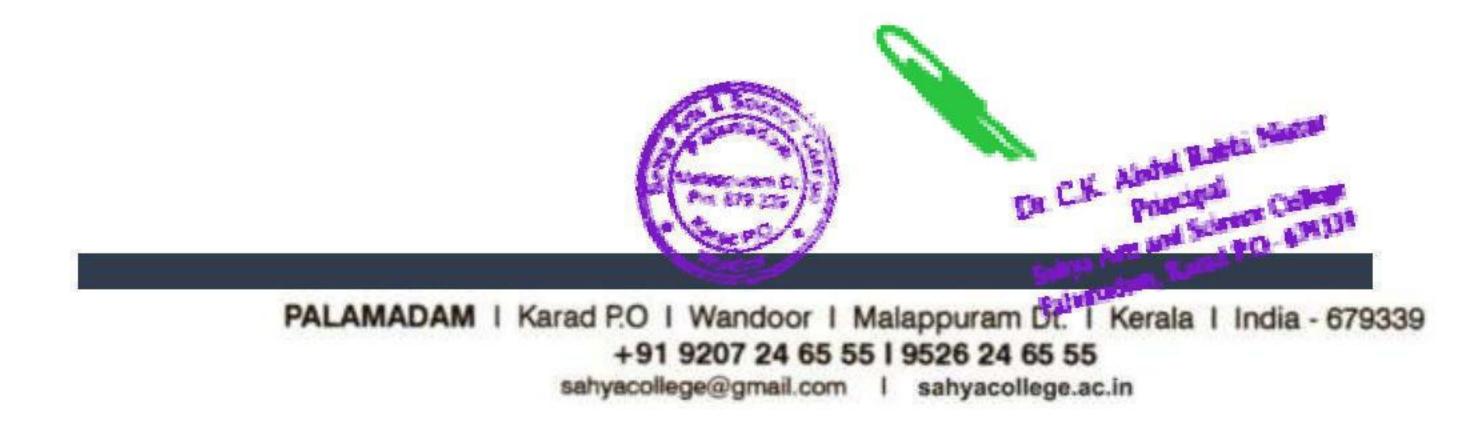
# **ACTIVITIES OF THE DEPARTMENT**

Add on Course

The Department of Economics introduced One add on coursers for the students of the department of Economics during the academic year 2019-2020. The Add on course title "Indian Economic Development". The course coordinator was Suneera K Assistant Professor Department of Economics and was coordinated by Prasanth PV HOD department of Economics

# <u>Association Inauguration</u>

The Department of Economics conducted the Association Inauguration on 21/10/2019 Presided by Prof. Tomas Mathew Principal Sahya College. This programme was Inaugurated by Mr. Unnikrishnan Avala Filim Director.





# 4. DEPARTMENT OF ENGLISH

# **Activities of the Department**

# 1. Spell Bee Competition

The English Department of our college has conducted a Spell Bee Competition for the students of all department. There were three rounds for the competition. The Finance department won the first prize. The TTM and IT department and the department of Psychology won the second and third prize respectively. The winners were awarded with trophy.

# 2. Drawing Competition

The English Department conducted a drawing competition on the topic 'Peace'. Departments of Chemistry and Commerce won the first and second prize respectively. It was a great platform to help the students of various departments to show their creative thoughts and ideas.

# 3. Association Inauguration

The Department of English conducted the inauguration of English Association and Oxbridge English Club on October 16, 2019 at the college indoors. MELLIFLUA was the name of the programme. The famous orator, PMA Gafoor, Motivational Speaker and Orator was the Chief guest.

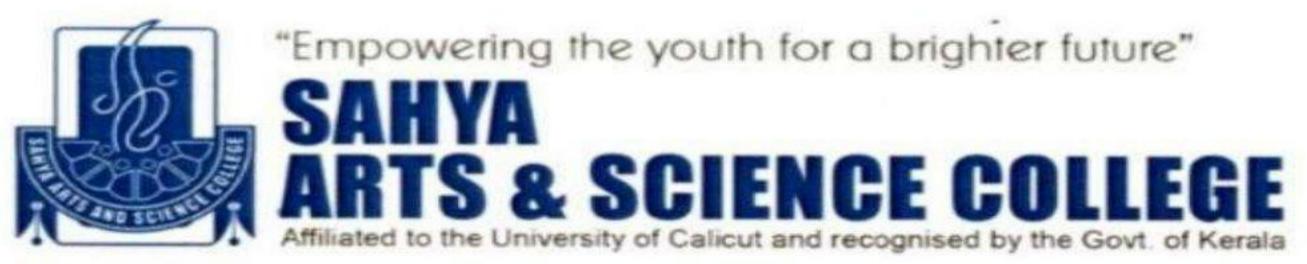
# 4. Cultural Exchange Programme

Sahya Arts and Science College, associated with the Department of English, conducted a Cultural Exchange Programme with delegates from Spain, Mr. Roberto and Mrs. Sonia, on December 6, 2019, at 11 am in the college auditorium. Principal Thomas Mathew delivered the welcome address, CK Mubarak President of Sahya College, inaugurated the Programme. Abdullah Kutti, Director of Sahya College, gave the presidential address, and the chief guests for the cultural exchange were Mr. Roberto and Mrs. Sonia from Spain. HOD Jaseena V felicitated the event, and Anoop Krishnan delivered the vote of thanks. The cultural exchange began with a Thiruvathira performance showcasing Kerala's culture, followed by discussions on Kerala's cultural heritage. The students from English department participated in the program.

# 5. Media Visit

A media visit was conducted as a part of second year students Industrial visit as a part of Journalist practices. The visit was held on 16<sup>th</sup> November, 2019. We visited Radio Mattoli at Wayanad. The students got an opportunity to know the radio station and its working procedures.





#### **Curricular Activities**

Curricular activities in the English department at college allow students to apply theoretical knowledge, promote critical thinking and creativity, develop communication skills, and contribute to a holistic educational experience, preparing them for future academic pursuits or careers in English language and literature.

In the academic year 2019-2020, the Department of English at Sahya College conducted a series of curricular activities to enhance students learning experience. These activities included assignments designed to foster critical thinking and analytical skills, along with revision classes to reinforce key concepts covered in the curriculum. Regular test papers and internal exams were administered to assess students' comprehension and progress. For sixth semester students engaged in project work, allowing them to delve deeper into specific topics and apply theoretical knowledge to practical situations. Internal viva examinations were conducted to evaluate students' understanding and presentation of their project findings. Through these activities, the Department of English aimed to provide students with a well-rounded education and prepare them for academic and professional success in the field.

### Add On Course

In addition to its regular curriculum, the Department of English at Sahya College offered supplementary courses tailored for first and second-year students during the 2019- 2020 academic year. These courses aimed to complement students' foundational knowledge in English language and literature by focusing on specialized topics such as creative writing, English language proficiency, and literary analysis.

# Project for Sixth Semester

During the sixth semester of the academic year 2019 -2020 the English department undertook a diverse range of projects aimed at enhancing students' academic and professional development. These projects encompassed various aspects of language and literature, including research, analysis, and creative expression. Students engaged in intensive research endeavors, delving into topics ranging from literary criticism to sociolinguistics.

# Revision, Assignments, Viva and Internal Exam

Throughout the academic year 2019-2020, the English department conducted revision classes, assignments, internal exams, and project vivas, dynamic and enriching learning environment. These activities were meticulously planned and executed to enhance students' comprehension and critical thinking skills while nurturing their passion for language and literature. Through rigorous assessments and interactive sessions, students were equipped with the necessary tools to excel academically and prepare for future endeavors. The department's commitment to academic excellence and innovation ensured that students received comprehensive education and support in their English studies.





## **CO-CURRICULAR ACTIVITIES**

- Departmental Tour
  - Study Tour for Sixth Semester Students:

The Departmental tour was conducted on 20 December 2019 along with two teachers visited Kodaikanal. Indeed, it was a trip a that shows togetherness and created a good feeling among the students. It was two days trip. We reached back at college at 3.30 to 22 December.

#### Cultural Events

During the academic year 2019-2020 Sahya College hosted a variety of cultural events, including arts exhibitions showcasing students' talents, sports tournaments promoting physical activity and teamwork, and festive celebrations such as Onam and Christmas, embracing cultural diversity. The college day was marked with grand ceremonies to recognize student achievements and contributions, fostering a sense of community. Additionally, Eid celebrations highlighted inclusivity and unity among students from different backgrounds, enhancing the college's vibrant cultural atmosphere

The English Department's annual report reflects a year of significant achievements and growth. Through dedicated efforts, we have advanced our curriculum, a dynamic learning environment, and nurtured a community of passionate learners. Our commitment to excellence in teaching, research, and engagement has yielded tangible results, evident in the academic successes of our students and the impactful contributions of our faculty. As ensuring that the English Department continues to thrive and inspire in the years to come

# 5. DEPARTMENT OF CHEMISTRY

The Graduate Department of Chemistry at Sahya Arts and Science College was established in the academic year 2016-17 with 25 students. The scope and vision of chemistry encompass understanding the composition, structure, properties, and transformations of matter. Its scope ranges from the microscopic world of atoms and molecules to the macroscopic world of materials and substances. Chemists seek to uncover the fundamental principles governing chemical reactions and use this knowledge to address societal challenges, such as developing new materials, medicines, energy sources, and environmental solutions. The vision of chemistry involves leveraging advancements in technology, collaboration, and interdisciplinary approaches to drive innovation and improve the quality of life for current and future generations. With a deep sense of contentment and gratitude to the God Almighty for showering his abundant blessings upon all the department endeavors, we the Third annual report of the Department for the academic year 2019-20. We are happy to present the achievements and the progress we have made during the last year to improve our academic offerings and students' learning experiences. Concisely, it was a year filled with lot many new threats, challenges and opportunities in its real sense.

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# **ACTIVITIES OF THE DEPARTMENT**

# Industrial Visit

Third year Chemistry students undergone for their industrial visit as part of their curriculum. They visited CFSC- common facility service center, Manjeri, a training center of govt. of Kerala for rubberbased products manufacturing on 7th, 29th and 30th August 2019. The students undergone training in latex based product manufacturing like rubber band, gloves, rubber mat, Ballons, rubber bush etc. They also aqiunted with various testing machines and lab equipment related to various rubber product testing.

# Flood Relief Aid

The faculty members of Chemistry, Maths and Physics visited the home of Mr. Arshad S5 student, which was collapsed during the flood in August 2019. The team consoled the Arshad's kins and handed over Rs:10,000/- (Ten thousand only) as department financial assistance to his mother.

### <u>Chemistry Association Inauguration and AQUA Exhibition</u>

Chemistry association (2019-2020) was inaugurated in a function conducted on 18/10/2019. Chief guest was Mr. Sajeesh, chief chemist, Quality control district lab, Kerala water authority, Malappuram. A seminar was also conducted as part of this, on the topic 'DHMO, a dangerous chemical'. An 'AQUA EXPO' was also organized as part of this.

# THIRD YEAR BSC. CHEMISTRY PROJECT

Third-year students conducted project work in reputed laboratories outside the college: one group analyzed water quality parameters at the analytical laboratory of Kerala Water Authority, guided by Mr. Sajeesh, Chief Analyst, Malappuram, while another group studied seasonal variations of latex production at Eranad Latex Factory under the guidance of Ms. Sushama, Analyst.

# Study Tour

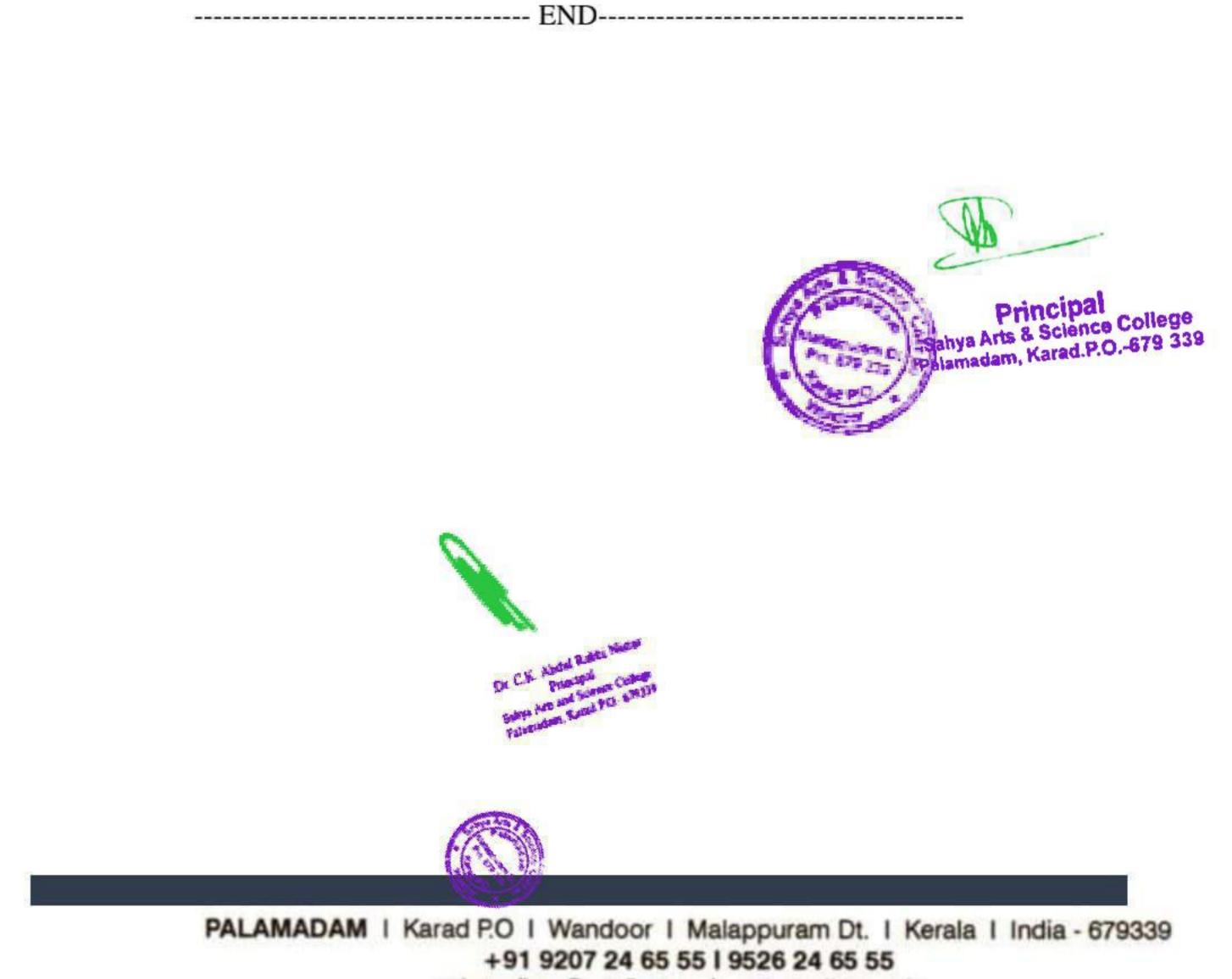
The Final year BSc Chemistry and second year students undergone a tour programme to Idukki and neighboring places. 3-day tour started on 29/12/2019. Ms. Saritha, Ms. Arunima and Mr. Hashir accompanied students.

# Add On Course

The Department of Chemistry Conducted two add on course programs for the students of the department of Chemistry during the academic year of 2019-20. The add on course titled Volumetric Analysis was provided for students of First year Students. The course coordinator was Arunima K.V., Assistant Professor, Department of Chemistry. The add on Course: Polymer processing and Rubber technology was provided to the students of Second year Chemistry. The course coordinator was Arunima K.V., Assistant Professor, Department of Chemistry of Second year Chemistry. The course coordinator was Arunima K.V., Assistant Professor, Department of Chemistry of Second year Chemistry. The course coordinator was Arunima K.V., Assistant Professor, Department of Chemistry.

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