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# Sir Syed College

## Best Practices Implemented

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## About



Sir Syed College, Taliparamba, stands as a symbol of educational excellence and social responsibility in the region. Affiliated with Kannur University and dedicated to providing quality education, the college serves a diverse student body, with a significant importance on supporting girls' education and economically disadvantaged communities. With a focus on holistic development, the college integrates innovative programs and initiatives into its curriculum, supporting a nurturing environment that promotes academic achievement, personal growth, and community engagement. Its commitment to sustainability, cultural integration, and social welfare underscores its role as a leading institution that not only imparts knowledge but also cultivates values and skills necessary for contributing to a better society.

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# 1. Guardians of Mangrove - Roots of Resilience

Sir Syed College proudly presents its mangrove conservation initiative, "Mangrove Guardians Roots of Resilience." This initiative aims to protect and restore vital mangrove ecosystems, engage and educate the community, and cultivate a deeper understanding of the importance of mangroves in maintaining ecological balance.



## Phase I: Mangrove Plantation at Chaal Beach (2018-19)

The initial phase of the program commenced in 2018-19 with a significant mangrove plantation drive at Chaal Beach in Kannur. The college successfully planted 4500 saplings across a five-acre expanse of the coastal area. This initiative was a crucial step towards mitigating coastal erosion and providing a protective barrier against natural calamities.

## Phase II: Expansion of Plantation Area (2021-22)

Building on the success of the first phase, the college expanded its mangrove conservation efforts in 2021-22. During this phase, an additional 500 saplings were planted in Kavvayi, Payyanur. To further enhance the ecological impact, another 1000 saplings were planted at Chempallikundu in the Vayalapra backwaters. This expansion aimed to increase the mangrove cover and strengthen the ecosystem's resilience.

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## Phase III: Capacity Building and Research (2022-23)

Recognizing the need for a sustainable approach to mangrove conservation, the college initiated the third phase of the program in 2022-23. This phase focused on capacity building and research. A mangrove nursery was established to propagate saplings for future plantation drives. Simultaneously, research efforts were undertaken to study the ecological benefits of mangroves and develop effective conservation strategies. Furthermore, the college organized training programs for local communities to impart knowledge on mangrove conservation techniques, promoting community participation in environmental protection.



### Mangrove Conservation Efforts

- Mangrove nursery at Sir Syed Botanical Garden in association with WTI, SBI, and Godrej.
- Collaborative partnerships with local authorities and environmental organizations.
- Mangrove restoration projects and awareness campaigns.
- Integration of mangrove ecology into the curriculum.
- Field trips and research projects focused on mangrove ecosystems.

### Awareness Programme: "Magical Mangroves"

- In association with WWF: Series of online lectures conducted across India.
- Dr. Sreeja P awarded Best Volunteer for these activities.





## Association

- MoU with WTI for seedling planting and awareness programs.

## Associated Activities

**Hortus Sirsyedicus - A Living Laboratory:** At the heart of the college's environmental endeavors lies the Hortus Sirsyedicus Botanical Garden. This meticulously curated green oasis houses a diverse collection of plant species, including a dedicated butterfly garden and a greenhouse showcasing exotic flora. The Aroid Home within the garden specializes in preserving rare and endangered Aroid species.



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## Conservation of Rare and Endangered Medicinal Plants:

The college has a longstanding commitment to preserving rare and endangered medicinal plants endemic to the Western Ghats. Employing in-situ and ex-situ conservation strategies, the college has established satellite gardens in nearby schools and colleges to promote biodiversity conservation and knowledge sharing.



## People's Biodiversity Register (PBR):

In collaboration with Kurumathur Panchayat and supported by Kudumbasree, teachers and students, the college has undertaken the creation of a People's Biodiversity Register (PBR). This comprehensive document serves as a repository of local biodiversity knowledge, encompassing flora, fauna, and traditional practices. By involving the community in this initiative, the college empowers local people to become custodians of their natural heritage.



## Outreach and Awareness

To foster a deeper appreciation for the environment, Sir Syed College organizes targeted awareness campaigns, seminars, and workshops. These programs aim to educate the community about the importance of biodiversity conservation, sustainable practices, and environmental challenges. By engaging students, faculty, and the local community, the college cultivates a sense of environmental stewardship.

## Partnerships for Impact

Collaborations with local NGOs and government agencies are instrumental in amplifying the college's conservation efforts. These partnerships provide access to expertise, resources, and a wider network, enabling the college to achieve greater impact.

By integrating research, conservation, education, and community engagement, Sir Syed College's initiatives serve as a model for sustainable development and environmental stewardship.



## Future Plans

- Establishing a Mangrove Research Centre: Dedicated facility for advanced research on mangrove ecosystems. Collaboration with academic institutions, government bodies, and environmental organizations.
- Developing a Demonstration Area: Purchase of mangrove area for educational and demonstration purposes. Practical training and hands-on experience for students and researchers in mangrove conservation and restoration techniques.

## 2. SAFE- Sir Syed College Teacher's Association For The Financial Empowerment Of Students

The Sir Syed College Teachers' Association for the Financial Empowerment of Students (SAFE) was established in 2015 with a mission to support financially disadvantaged students. This initiative is a testament to the commitment of Sir Syed College's faculty to foster an inclusive educational environment and ensure that financial constraints do not hinder students' academic success.

**Mission:** To provide financial assistance to economically disadvantaged students, enabling them to continue their education without interruption and achieve their academic goals.

**Vision:** To create an inclusive and supportive educational environment where every student has the opportunity to succeed, regardless of their financial background.

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## Funding and Contributions

SAFE operates through voluntary monthly contributions from the teachers of Sir Syed College. This collaborative effort has resulted in significant financial support for students in need. Since its inception, SAFE has been instrumental in alleviating financial burdens for many students, ensuring their continued access to education and opening doors to brighter futures. By providing financial assistance, SAFE not only alleviates the immediate financial pressures faced by students but also fosters a sense of belonging and support within the college community. This initiative encourages academic success among those in need, contributing to a more equitable and inclusive educational environment.

The table gives a comprehensive data of the funds collected and mobilized showcasing the commitment of the institution for the well being of the student community.

Year	Amount contributed by teachers	Amount Distributed To Students	No of students benefited
2016-17	207050	67200	19
2017-18	136550	127152	23
2018-19	188346	132100	27
2019-20	181000	124300	22
2020-21	42900	233921	34
2021-22	Covid ( No Collection and Distribution )	Covid ( No Collection and Distribution )	Covid ( No Collection and Distribution )
2022-23	130550	230410	30
2023-24	176972	221325	34

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## Future Plans

**Increased Fundraising Efforts:** SAFE aims to increase its fundraising efforts through various means, including organizing charity events, seeking donations from alumni, and collaborating with external organizations and philanthropists.

**Enhanced Awareness and Outreach:** To ensure that more students are aware of and can benefit from SAFE, the association plans to enhance its awareness campaigns and outreach programs. This includes conducting workshops and seminars to inform students about the available support and how to apply for it.

**Partnerships and Collaborations:** SAFE intends to establish partnerships with other educational institutions, NGOs, and government bodies to pool resources and extend its support to a larger number of students.

**Scholarship Programs:** SAFE plans to introduce specific scholarship programs for students excelling in academics, sports, and extracurricular activities. These scholarships will not only provide financial assistance but also recognize and encourage talent and hard work.

**Mentorship and Support Services:** In addition to financial support, SAFE aims to provide mentorship and additional support services to students. This includes academic counseling, career guidance, and mental health support to ensure overall well-being and success.

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### 3.MANY VOICES, ONE NATION- EK BHARAT SHRESHTHA BHARAT (EBSB) CAMP



**Ek Bharat Shreshtha Bharat (EBSB):** The camp aims to provide a platform for cadets to engage in collaborative activities and gain insights into different cultural practices, thereby strengthening the bonds of national unity.

Sir Syed College, Taliparamba, is committed to national integration and cultural exchange among students. The college has hosted the Ek Bharat Shreshtha Bharat (EBSB) camp, a significant initiative aimed at promoting unity and understanding among the youth of different states in India. This programme aligns with the broader objectives of the National Cadet Corps (NCC) to nurture disciplined and patriotic citizens.





**Participation:** In 2022-23, the camp witnessed the enthusiastic participation of 600 NCC cadets, comprising 150 from Madhya Pradesh and Chhattisgarh (MP&CG) and 450 from Kerala and Lakshadweep (K&L). In 2023-24, 150 cadets from Gujarat and 450 from Kerala and Lakshadweep (K&L) participated.

**Cultural Exchange Activities:** The camp featured a variety of cultural exchange activities, including traditional dance and music performances, art exhibitions, and culinary demonstrations. These activities provided cadets with opportunities to showcase their cultural heritage and learn about the traditions of their peers from other states.

Cadets were taken to Parassinikadavu temple to watch and learn about *Theyyam*, a traditional religious art unique to North Kerala.

**Local Immersion:** To deepen the cultural exchange, cadets visited Parassinikadavu temple to witness the unique *Theyyam* performance, a traditional religious art form of North Kerala. They also got the opportunity to interact with locals and got to know more about Kerala culture and tradition.

**Skill Enhancement:** Beyond cultural exchange, the camp focused on skill development. Cadets received training in essential life skills such as first aid, resuscitation, and snake bite first aid. This training empowered them to handle emergencies and contribute to community safety.

**Interactive Sessions:** Interactive sessions were organized to facilitate dialogue and understanding among the cadets. These sessions included discussions on cultural diversity, national unity, and the role of youth in fostering a harmonious society. Eminent speakers and cultural ambassadors were invited to share their insights and experiences.

**Collaborative Projects:** Cadets participated in collaborative projects that required teamwork and coordination. These projects included community service initiatives, environmental conservation activities, and sports competitions. Such projects helped in building camaraderie and mutual respect among the participants.

**Visit to Indian Naval Academy (INA):** A highlight of the EBSB camp was the visit to the Indian Naval Academy (INA). This immersive experience exposed cadets to the rigorous training and discipline of the armed forces. Interacting with naval cadets and exploring the academy's facilities ignited a sense of patriotism and inspired many to consider a career in the armed forces. The visit served as a catalyst for personal growth and character building, as cadets witnessed firsthand the values of leadership, teamwork, and service to the nation.



**National Symbols and Celebrations:** The camp incorporated activities that celebrated national symbols and significant events. Cadets participated in flag hoisting ceremonies, patriotic song competitions, and commemorative events for national heroes, reinforcing their sense of national pride and identity.

**NIAP:** The National Integration Awareness Program (NIAP) served as a vibrant platform for showcasing the rich tapestry of India's cultural heritage. Cadets from Kerala, Gujarat, Madhya Pradesh, and Chhattisgarh took turns to present the unique facets of their respective states.

Through a captivating blend of enactments, PowerPoint presentations, songs, dances, tableaux, and narration, participants delved into the heart of each state's culture, history, geography, and art forms. Kerala's cadets, for instance, showcased the state's backwaters, Kathakali dance, and Ayurvedic traditions. Gujarat's representatives presented the grandeur of the Rann of Kutch, the vibrant Garba, and the entrepreneurial spirit of the state. Similarly, Madhya Pradesh and Chhattisgarh showcased their forts, tribal dances, and rich mineral resources.

The primary objective of NIAP was to foster mutual understanding and appreciation among the cadets. By immersing themselves in the diverse cultures of their peers, participants gained a deeper appreciation for India's unity in diversity.



**Future Plans:** Building on the success of the previous camp, Sir Syed College plans to host another EBSB camp in 2023-24.



## 4. EXCEL - ED - PROGRESSIVE ACADEMIC DEVELOPMENT

Sir Syed College is committed to promoting academic excellence through a series of well-structured programs and initiatives aimed at enhancing the knowledge, skills, and research capabilities of both students and teachers. These initiatives are designed to address various educational needs and societal challenges, ensuring holistic development and preparedness for future academic and professional endeavors.



### Objectives:

- To develop research attitudes and refresh subject knowledge among higher secondary and college teachers.
- To provide comprehensive training for NET-JRF aspirants.
- To empower girl students and address their unique challenges through awareness programs.
- To respond effectively to crises such as the COVID-19 pandemic by supporting the psychological, economic, and educational needs of students and the community.
- To provide housing for homeless individuals, demonstrating a commitment to social responsibility.
- To cultivate intellectual growth and academic discourse through seminars and the publication of research.

### Higher Secondary School Teachers Transformation Programme (HSSTTP)

The Higher Secondary School Teachers Transformation Programme (HSSTTP) was a comprehensive initiative undertaken in collaboration with the Higher Education Council and the Directorate of Higher Secondary Education. Conducted over a span of three years – 2019-20, 2022-23, and 2023-24 – the program aimed to reinvigorate the teaching-learning process in Kerala's higher secondary schools.

## Program Focus:

- **Research Orientation:** A primary objective of the HSSTTP was to cultivate a research-oriented mindset among science teachers. By introducing them to research methodologies, data analysis, and critical thinking, the program sought to enhance their ability to explore knowledge beyond textbooks.
- **Subject Knowledge Enhancement:** The program provided an opportunity for teachers to deepen their understanding of their respective subjects. Through intensive workshops and expert lectures, participants were exposed to the latest developments in their fields, enabling them to impart up-to-date and relevant knowledge to their students.
- **Pedagogical Innovation:** The HSSTTP emphasized the importance of innovative teaching methodologies. Participants were introduced to new teaching techniques, the use of technology in education, and student-centered learning approaches. This equipped teachers with the tools to create engaging and effective learning experiences for their students.

By investing in the professional development of science teachers, the HSSTTP aims to elevate the quality of higher secondary education in Kerala.

## Remedial classes and Mentorship

- **Identification of Slow Learners:** Students identified as slow or weak learners are provided with tailored remedial measures to enhance their academic performance. These measures are designed to address individual learning gaps and support their overall educational development.
- **Peer Teaching Initiative:** To foster collaborative learning, academically advanced students are paired with slow learners in structured peer-teaching groups. Each group is mentored by a faculty member who provides necessary study materials and guidance, ensuring a supportive learning environment for all participants.
- **Night Camps for Examination Preparation:** In preparation for public examinations, intensive night camps are organized. These camps offer rigorous training sessions and review periods, strategically scheduled close to examination dates, to maximize students' readiness and confidence.





## NET-JRF Training

Our NET-JRF Training Program is designed to equip students with the knowledge and skills necessary to excel in the National Eligibility Test (NET) and Junior Research Fellowship (JRF) examinations. We offer specialized coaching in the following subjects: Commerce, English, Arabic, Botany, and Physics.

### Program Highlights:

- **Comprehensive Coverage:** Our curriculum is meticulously structured to align with the latest NET-JRF exam patterns, ensuring that students are well-prepared for all sections of the exam.
- **Expert Faculty:** Our team of experienced and qualified faculty members brings extensive knowledge and expertise to the training program, providing in-depth guidance and support to students.
- **Interactive Learning:** We employ a student-centric approach, incorporating interactive teaching methodologies, practical exercises, and regular assessments to enhance learning outcomes.
- **Free Online Crash Course:** To provide an added advantage, we offer a complimentary three-day online crash course focused on Paper I, covering essential topics and exam-taking strategies.
- **Personalized Support:** Our program emphasizes individual attention, offering personalized guidance and mentorship to help students overcome challenges and achieve their goals.



## Awareness Programs for Girl Students

- Topics: Anti-ragging, women empowerment, and self-defense.
- Additional Programs: Seminars and debates on transgender issues, legal awareness, and health issues.
- Campaigns: Annual cancer awareness campaigns targeting the entire student population.
- LASS-Ladies Association of Sir Syed

## Sir Syed Pandemic Care

- **EXIGO:** Online three-day orientation program for plus-two passed students and their parents about UG programs offered by Kannur University.
- **m-Power Santwana Sparsham:** Psychological counseling for the public and students to alleviate stress and depression caused by the lockdown.
- **Mask and Sanitizer Making and Distribution:** Masks and sanitizers made on campus and distributed to the public free of cost.
- **Food Kit Distribution:** Food kits distributed in the colonies of scheduled tribes and to the community kitchen run by the government during the lockdown.



- **Sunglass Donation:** UV sunglasses donated to the police during the lockdown.
- **Mobile Phone Distribution:** Mobile phones distributed to economically challenged students.
- **Housing for the Homeless:** Construction of four houses for homeless destitute individuals at Koralyi Islands of Mayyil Panchayath. Action committee comprising teacher and student representatives, NCC and NSS representatives, and panchayat officials raised funds for construction.

Beneficiaries: Includes a widow and HIV patient, a coolie and parent of a Sir Syed College student, a blind individual, and another destitute person. Fully electrified 2 BHK houses with clean drinking water.



## Intellectual Discourses (IDis)

An exclusive platform hosted by IQAC for exchanging ideas and presenting academic initiatives. Under the umbrella of IDis a series of seminars and workshops were conducted. The college has established a physical place in association with alumni for discourses.

Publications: Proceedings published with ISBN by leading publishers and the Sir Syed College

### **Future Plans:**

- Expand HSSTTP to include a wider range of subjects and to incorporate emerging pedagogical approaches such as blended learning and flipped classrooms.
- Implementing advanced data analytics to offer personalized learning paths for each student.
- Introducing vocational and skill-based courses to enhance students' employability.
- Introduce coaching for subjects with a high number of aspirants, such as History, Economics and Chemistry.