

COLLEGE REPORT 2020-21

“Be joyful in hope, patient in affliction, faithful in prayer.” (Romans 12:12)

By the grace of the Almighty and the generous support of patrons and well-wishers, St. Mary’s College, the first women College in the district has entered into the Platinum Jubilee year. The year 2021 marks the seventy fifth year of the journey of academic excellence embarked on by St. Mary’s College with the vision of transforming young women into industrious, empowered and enlightened individuals who can contribute to the society at large and nation as a whole.

As we celebrate our 75th College Day we gladly welcome all of you to this joyous occasion, and I take it as my privilege to present the College Report highlighting the key developments and fine accomplishments of the College, Staff and students in the past year.

Every year she is a sad witness to the retirement of her staff who have been a part and parcel of this College for many years. This year also we are bidding farewell to two of our beloved staff members, Dr. Regi Raphael K, Head of the department of Botany and Dr. K.I Treesa, Head of the department of Sanskrit. Both of them have contributed their best in their respective fields and their devotion to duty both in academics and administration is commendable. . In her 28 years of service, Ms. Regi has carried out all the duties handed out to her with utmost sincerity and efficiency. She loved her students as her own children and helped and guided them not only in their academics but also in their personal lives. She lives a life close to God and also strives to keep everyone around her taste the love of God. Miss Regi is capable of dealing with various issues without hurting anyone. I take this opportunity for conveying my gratitude for all her contributions to this institution.

Ms. Treesa joined St. Mary’s College in 2006 after serving 8 years in Higher Secondary. She was the all and all of Sanskrit department. Miss has stood with her students whenever they had a difficulty and has taken personal effort to guide them in the right direction. As a person of strong faith and determination she was able to overcome all the challenges in her personal as well as professional life. She is a very simple and systematic person who manages things at ease. It is indeed very sad to bid farewell to such endearing personalities Dr Regi and Dr Treesa. Their retirement is going to be a great loss to our institution.

Thank you, Ms. Regi and Ms. Treesa, for all your valuable contributions, guidance and support provided to Marian family at different times. You are always a part of the institution and hope that you further support us with your words and deeds. We wish and pray that you both have a

very peaceful, contented and healthy retirement life.

It is with deep sorrow, I remember the sad demise of Prof. Annam K O and Prof. Grace M C, Retired faculties of the Department of Physics. Let their souls rest in peace.

The Platinum Jubilee Celebrations of the College was inaugurated by Sri. Pinarayi Vijayan Hon. Chief Minister of Kerala on 7th July 2020 in virtual mode due to the present pandemic situation. Sr. Anija, Corporate Manager presided over the function. Mar Andrews Thazhath, Arch Bishop, of Thrissur Diocese, rendered the benedictory Speech. Dr. K.T. Jaleel, Minister of Higher Education, Kerala, Adv. V.S. Sunil Kumar, Minister of Agriculture, Kerala, Sri T.N. Prathapan, MP, Thrissur and Dr. C.L. Joshy, Registrar, University of Calicut, felicitated the ceremony. Platinum Jubilee action plan VISION 2021 was announced by Sr. Dr. Ritty J Nedumpara Education Councillor, CMC Nirmala Province, Thrissur.

Vision 2021 is classified into five major categories.

- Marian infrastructure Development Initiatives
- Marian Academic Initiatives
- Marian Student Support Scheme
- Marian Environment Conservation Programme and Marian Rural Development Scheme

Platinum jubilee logo was also released on the occasion. Special postal cover and stamp was released in association with the Jubilee.

This Academic year, the college introduced three new Programmes. B.Voc and M.Voc Programmes in Applied Biotechnology and Community College Certificate course in GST.

The name of St. Mary's is always held high by the achievements of its faculty and students.

- The college stands high in academic with pass percent of 82 for UG and 95 for PG programs.
- A special mention needs to be made of Lt. Anu D Alappatt Head of the department of physical Education who was awarded the best Manager of All India inter University team 2019-20
- It is with great pleasure I congratulate our University rank holders,

Devika Vinod	- 1 st Rank in B.A English
Rose Ann Paulson	- 1 st Rank in M.Sc Psychology
Noufa	- 1 st Rank in M.Sc Biotechnology
Keerthana Haridas	- 2 nd Rank in B. A
Economics Anshi Rahman	- 2 nd Rank in M.Sc
Biotechnology Najiya Noushad	- 2 nd Rank in M.Sc
Microbiology Angel K.V	- 3 rd rank in M.Sc
Biotechnology Bhuvana K.R	- 4 th rank in M.Sc
Biotechnology Thingal A.K	- 6 th rank in M.Sc
Botany, Aiswarya T J	- 8 th rank in BCA
Raina Mary Shaju	- 8 th rank in M.Sc Microbiology
Irene Babu	- 8 th rank in M.Sc Botany
And Haseeba K	- 10 th rank in M.Sc Psychology

- Hearty Congratulations to Kum. Anjali Joseph, B.Voc Multimedia student who has made a place in India Book of Records and Asia Book of Records for having written Article 1 Universal Declaration of Human Rights in maximum languages on a glass bottle.
- It is of great privilege to inform you that our History Post Graduate student Ambili M is elected as Vadakkumcheri Gramapanchayath Member in the recent Local Body election.

Our college has signed an International MOU with Lensman Academy – a renowned Dubai based institute, for a Certificate Course in Photography and Film Making. On successful completion of the course, students will be awarded a UK based ASIC accredited certification and the course concludes with an internship for students at Lensman’s state-of- the-art studios in Dubai Production City. We have also signed an MOU with St. Thomas College (Autonomous) Thrissur, for Research collaboration and technology transfer.

The Covid 19 pandemic turned the whole world topsy turvy with unexpected blows in all the fields and especially in the field of Education. But we tried the best way possible to confront the difficulties with positive attitude and firm faith. Sanitizers and hand wash were prepared and distributed. More than five thousand masks stitched by our staff was distributed to hospitals, R T Office, D D office and to the staff and students.

Coursera Online Learning Initiative was undertaken by St. Mary’s College in June 2020 with the main objective to encourage students and faculty to learn new courses and update themselves in various disciplines. Marian Webisode, our own you tube channel, was launched as an initiative of IQAC to share academic information, and showcase the talents and skills of students,

faculty and alumnae to the peers and public. St. Mary's College has extended the institutional mail id through G suit account to the students also, to enable them to continue their regular academic programmes effectively even in the period of global pandemic. Regular classes, interactions, presentations and competitions were conducted through Google Classroom and Google meet. St. Mary's College has become the Fourth Best College and Third Best Women College in Sports in Calicut University in the academic year 2019-2020. Due to covid -19 Pandemic situation competitions of various sports events of the year 2020-21 are yet to be conducted.

IQAC is always a strong pillar of strength in the development and assessment of our college. To equip ourselves with ample strength to face the fourth cycle of NAAC reaccreditation, we have constituted an efficient steering committee under the leadership of Dr. Julie P. Lazar. They have been constantly working up on the AQAR and the Self Study Report for the past five years and are on the right track on a quick pace to complete the task. This year, even in the midst of COVID 19 pandemic, conducted an online essay writing competition on National Economic Policy- 2020. The Spectrum 2021 for the U.G students and IGNITE 2021 for the Post graduate students were also conducted successfully. The faculty members have been attending webinars and Faculty Development programmes online.

Our Library has a sizeable collection of resources that supports the research activities of both staff and students. Our library housekeeping activities are automated with fully integrated multi-user library software working under Windows and an umpteen number of online resources.

Owing to the Covid lockdown and the subsequent dispersal of regular classes, the student council of the last year continued the office this academic year too and the activities were mainly conducted through online mode. Since the students were not able to visit the college due to covid-19 pandemic, conducted an online induction programme for freshers (Headstart 2020). The Union felicitated the teaching community on Teacher's Day and Principal's Day was also celebrated. An online Malayali Manka competition in connection with Keralappiravi was organized under the banner of College union.

PTA stands as a backbone for all that is happening in the College. Six executive committee meetings were held during the academic year 2020-21. Due to the present scenario of Covid- 19, meetings were held in online mode after the COVID lock down. PTA members actively participated in the executive committee meetings and gave support and suggestions every now and then and especially for the upcoming NAAC visit, platinum jubilee celebration, hostel

activities and other functions carried out in the college. PTA contributed Rs. 25000 for purchasing mobile phones for 15 students to attend online classes, gave instructions for safe entry of students to the campus during Covid time college reopening. A fund of Rs. 200,000 was contributed by PTA for sports students' hostel accommodation and contributed Rs. 200,000 towards platinum Jubilee Student scholarship for the upliftment of 75 students in need.

The Non-Teaching Community of our college actively contributed to the fame and development of the college, even in the midst of Covid constraints. They Prepared masks for various sectors, during the early COVID pandemic period, Distributed lunch packets for the people under quarantine. One day state level webinar on Basic Office Procedures was conducted by the Non-teaching staff. A Programme to honor the doctors of Thrissur Cooperative Hospital, in connection with Doctors' Day celebration was a positive gesture from their side. As the usual Onam gathering and celebrations were cancelled due to the pandemic, the fund was utilized to distribute "Onam Kits" among the guest non-teaching staff.

Contributions to the SPARSHAM dialysis fund, which was initiated by the Non-Teaching staff and Students in 2019 has been progressing this year too.

Elder St. Marians, the old students' association of St. Mary's College conducted Gem of St. Mary's Contest, for the outgoing students by evaluating their overall excellence. The contest includes off-stage (Screening of certificates & Personal interview) and on-stage (Self Introduction, Challenge round & response round). Sriya Srinivasan of M.Sc Chemistry won the title. Anagha Chandran of BSW and Sruthi Sreenivasan of M. Com were the first and second runners up, respectively. Alumnae Annual Meet was conducted over virtual platform with due respect to the pandemic protocol. And the new volume of Reverie was released.

Prior to that, an online Reverie Cover page contest was held for the students.

A Cookery Show by Alphonsa CR was Organised via College Youtube Channel. A talk by Dr. Rony Ignatius (Alumnae 1985-87), on Women's Health - Nation's Wealth was arranged for the first year students. The Alumnae association contributed rs.85000/- to college for buying water cooler and dustbins. Alumnae of Department of Botany sponsored Rs. 50000/- for the renovation of Botanical garden. In connection with Teacher's Day, the Alumni of 2015-2018 batch of Department of English Organized a Letter Writing Competition. A motivational talk: "Life is Beautiful" by SAREENA HANEEFA K (2000) Faculty, Mundur HSS PALAKKAD, Joint Coordinator of Career guidance adolescent counselling cell, Govt. of Kerala as part of Alumnae Lecture Series. Department of Botany, under the banner of Alumnae Lecture Series conducted a National webinar on Applications of 3D Bioprinting in Tissue Engineering - A cutting Edge

Technology was given by Dr. Ameer Krishnakumar (Batch 2000) Assistant Professor, Institute of Science, Nirma University, Ahmedabad. And, a Talk on nutritive value of fruits and vegetables was arranged by Lini Alappat (batch 2000), clinical dietitian, West central Georgia Regional hospital Georgia, USA. Department of Commerce conducted an Aluminae Motivational Talk by Ms. Roshima A (HR Lead in CRISIL).

Department of Economics arranged an interaction session with Keerthana Haridas (Alumnae BA Economics) and arranged a lecture on the Scope of Economics by Dr Sini Thomas M (Alumnae BA Economics) for I Semester BA Economics Students.

Birth Anniversary celebration of E K Janaki Ammal, a renowned Indian botanist and plant cytologist was arranged by Dr Sujana K.A. (1998-2001 alumnae), Scientist- C, Botanical Survey of India (BSI) Coimbatore.

SMART, the retired teachers' association members were keen to meet over virtual platforms, despite the new situation.

In tune with the CMC vision of education, catechism, ethics and tutorial classes are held online. This year, our college organized various competitions for Catholic students. In connection with the feast of St. Euphrasia, competitions such as quiz, essay writing, speech were conducted. The online study materials were provided to students. In connection with Catechism, college conducted a Marian quiz and Bible quiz series from the book of Sirach.

The Jesus youth unit of our college were actively contributing to the spiritual development of our students. They organised various online programmes in far vision of the spiritual formation of our catholic students. Two WhatsApp groups were created. Marian Flames and monthly prayer meeting in Google Meet were the daily platforms for the spiritual unity. A short video called "Vachananalam" reflecting Word of God was posted daily along with a small prayer for the students to recite. In the month of October, Jesus Youth and AICUF together organised an Inter University Fest - Eleusa 2020. In connection with Christmas celebrations, Jesus youth organised an inter departmental letter writing competition "A letter to Baby Jesus".

UBA, Unnath Bharath Abhiyan and MCAR- Marian Centre for Advanced Research are the prestigious initiatives our college. MCAR developed a bacterial consortium known as SMCNPK18 and distributed it to various Panchayath through UNNAT BHARATH ABHIYAN (UBA). MCAR signed an MoU of 20 lakhs with DERICK AND ASSOCIATES during this academic year and guided over 70 students from different colleges towards the

fulfilment of academic projects for the completion of their Master's degree.

DEPARTMENT HIGHLIGHTS

HISTORY

- One Day National Webinar was organized by the Department on “**Gender and Research: A Feminist Perspective**” by Dr. RatnaHuirem, Assam University, Silchar
- Organized various Competitions in connection with the celebration of 74th Independence Day celebration and Onam Festival
- Organised a Local history workshop, in collaboration with the Department of History, K K T M College, Pullut.

ECONOMICS

- Organised competitions in e poster designing, slogan writing on the theme- **Vote is my responsibility** to highlight the relevance of voting in a democratic society
- Organized an online Interactive Session on Public Speaking Skills by Dr. Neethu S. Arakkal, Assistant Professor, Dept of Economics, Little Flower College, Guruvayur
- An intercollegiate online quiz competition was conducted to observe World Population Day.

MATHEMATICS

- Conducted webinars on “**Introduction to Fractional Calculus**” and “**On Some Distance Related Problems in Graph Theory**”
- A webinar on “**An Excursion through Graph Theory**” was organized as part of the Mathematics Association inauguration
- Conducted a virtual invited talk on “**Life and Works of Srinivasa Ramanujan**” by . Dr Indulal G, as part of Ramanujan Day celebrations

BOTANY

- Conducted two National Seminars, on Applications of 3D Bioprinting in tissue engineering and another on Taxonomic, ecologic and economic importance of lianas in India
- State Level Webinar, Horticulture therapy for Persons with Special needs- All you want to know in association with Parivaar unit, Thrissur
- Frosty Fest Contest, Christmas tree decoration and cake making competition

CHEMISTRY

- Organised an International webinar on the topic “**My research journey through polymers to solid state NMR spectroscopy**” by Dr.Gisha Elizabeth Lukachan, Lecturer in Chemistry, College of arts and science, KHALIFA university, Abu-Dhabi ,UAE
- Organised a national webinar on the topic “**My research journey through polymers to solid state NMR spectroscopy**” by Dr. PavanKumar , Senior scientist, CSIR - Institute of minerals and materials technology(IMMT),Bhubaneswar
- Hiroshima & Nagasaki Days, and Ozone Day were observed diligently with various online programmes

BIOTECHNOLOGY

- Organized a virtual talk on Voluntary Blood Donation - Challenges in COVID - 19 Pandemic in collaboration with the Red Ribbon Club
- Conducted a gender sensitization talk on the topic “**Elimination of Violence against Women and Cyber Crime**” by Udhayachandrika S., Sub-Inspector of Police and Sreedhevi P.K., Senior Civil Police Officer, Vanitha Cell, Thrissur
- Organized a National level photo collage Competition, in connection with the World Environment Day.

MICROBIOLOGY

- Conducted an online awareness series for general public about the precautions and preventive measures for the pandemic COVID 19 and Monsoon Diseases
- Organized Two International Webinars on the topics “**Pharmaceutical and Non-pharmaceutical Interventions for the Management of COVID-19**” and “**ABC Transporters - Mechanistic Insights from Electron Spin Resonance Spectroscopy**”
- Organized Two National Webinars on the topics “**Hygienic Kitchen Practices In The Context Of Covid -19**” and “**Inflammation, Cancer & Nutraceuticals: How are they linked?**”

COMPUTER SCIENCE

- Organized a webinar on National Education Policy (NEP) 2020, in association with Field Outreach Bureau, Govt. of India, Ministry of Information and Broadcasting, Thrissur
- Hosted an International Webinar on “**Data Analytics and Applications**” with Ms. Ann Mirah Joseph, Software Developer, Magnet Forensics, Waterloo, Canada as the resource person
- Conducted Q“zoid 4.0, an inter- university online IT quiz competition through web portal

ENGLISH

- Organized three international webinars with Eminent and erudite Resource persons from USA, Germany, and Oman
- Invited talk on Women and Journalism by Jade Kurian, Co-founder & President, Latakoo, Texas, US, In association with IQAC as part of the Platinum Jubilee fete Meet the Eminent programme
- National level Intercollegiate Competition Luminaria 2020, Christmas programme in association with the Lensman Academy

COMMERCE

- Organized “**Snehasparsham 2020**” in collaboration with Swasraya Special School, Thrissur as a part of the World Handicapped day
- Conducted an international webinar on Artificial Intelligence in Finance
- Conducted a three day workshop on the topic **Entrepreneurship- Today’s innovative possibilities**

PSYCHOLOGY

- Organized a State Level Inaugural Webinar series- Parental Awareness on Inclusion Rights (PAIR) in association with the Department of Sociology, St. Mary’s College, Thrissur and Thrissur Parivaar and Kerala Institute of Local Administration
- Organized an intercollege competition “**MeddyliolSante**” in connection with World Mental Health Day
- Organized an awareness talk “**Conscientia**” in connection with World Aid’s Day

SOCIAL WORK

- As a part of Mental Health Day observation, a webinar was on the topic “**Mental Health of Yong Adulthood and Stress Management**”
- Organised a webinar in association with Student Initiative in Palliative Care (SIP unit), with Ms. Jyothi Jayan Warriar as the resource person
- Conducted a webinar on “**A Social Worker’s Journey: An Experimental Note from Disability Perspective**” for the first year social work students

BUSINESS ADMINISTRATION

- Organised a Makeover Challenge to inspire our students to become promising entrepreneurs in future
- Organised a poster designing competition, in connection with the World Population Day
- Organised a Santa mask making competition, named “**FOR SANTA CLAUS**”, in connection with the Christmas fete.

VOCATIONAL STUDIES

- Organized a state level FDP webinar on the topic “**Online Teaching methods**” in collaboration with EDUFRAME
- Organized the webinar on “**New Trends of Multimedia**”
- Organized an international webinar on the topic:” **IT Industries before and after Covid-19**” by Mr. Mhahesh Muraleedharan, Quality Engineering Thought Leader from London as the resource person.

PHYSICS

- Department of Physics and Science forum of St. Mary’s College together conducted Energy Literacy Programme in collaboration with Energy Swaraj Foundation

ZOOLOGY

- Organized a one-minute video making competition *Nurture Nature*, in connection with World Nature Conservation Day
- Conducted Massive open online Course on Applied and Economic Zoology in the SWAYAM portal

BIOCHEMISTRY

- Conducted national Webinar on A Link Between Health Practices and Lifestyle Diseases, in association with Department of Physical Education

Hindi:

- Conducted an Extension Talk on the topic Relevance of Premchand „s Stories in connection with the Premchand Jayanthi

CELL REPORTS

Career Guidance and Placement Cell

- Conducted a career orientation webinar „FLYER FOR FUTURE”. The resource person was Adv. Tony Chacko, Director, M/s Tony & Tony Associates, Thrissur, a leading MNC Company based in India and USA.
- Conducted a career orientation webinar on the topic „Financial Services Industry: Opportunities and Challenges“
- The Placement Cell signed a Memorandum of Understanding with Exam Edge, Thrissur to train the students of the Placement Cell.

CLUB REPORTS

1. Archeological CLUB

- Students were introduced to Royal Palaces and forts. Important palaces like Padmanabapuram Palace, Thrippunithura Hill Palaces, Mattanchery and Arakkal Palaces were cited. The history behind its construction, architectural styles and its current role as museum, were explained.
- Conducted a Video Presentation competition *Know your Family Antique* where students

presented a video, introducing the family antiques like Kedavilakku, Jewelry box, Gramophone, Thookuvilakku, Granary.

2. Tourism club

- Tourism club conducted online virtual tour to different destinations in Kerala
- Organized an intercollegiate photography competition on the topic “Nature”, as a part of world Tourism Day

3. EK BHARAT SHRESHTHA BHARAT (EBSB) CLUB

- EBSB day was celebrated by the club members with colourful events and competitions
- The Club members were given classes on Himachal Pradesh Languages, as a part of familiarising the culture of the paired state.
- Club members attended the webinar series Dekho Apna Desh, conducted by Ministry of Tourism, Govt. of India.
- A poster making competition was conducted about mysterious facts about Himachal Pradesh.
- A Language quiz was conducted with the aim of increasing awareness in the linguistic as well as culture of Himachal Pradesh
- An online exhibition on curios of HP was conducted with an aim to cultivate interest in art and culture of the paired state
- Introduced about our club and about paired state Himachal Pradesh to the new club members

4. Red Ribbon

- Conducted Online Poster Design competitions and Short film competitions on the occasion of World AIDS Day.
- In association with Department of Biotechnology, organized talk on Voluntary Blood Donation - Challenges in COVID - 19 Pandemic through virtual mode. The resource person was Dr. Sajith V, Associate Professor, Department of Blood Transfusion, Government medical College, Thrissur.

5. Quiz Club

- The club organized a General Quiz competition. The winners were Ms. Sneha Biju of I DC English and Ms. Aleena Thankachan of I BBA for the first and second places respectively.

6. Bhoomitrasena Club

- Conducted „Planting a sapling Programme“- a programme intended to create awareness on preserving and protecting the environment.
- Students of various departments were asked to plant a sapling in their house premises, identify the sapling and send the pictures of their planting through their mail id.
- Conducted an inter-collegiate pookkalam competition, „**Poovili**“, using local wild flowers.
- Celebrated Ozone day by launching a documentary show. Students of Botany department had acted in a video on ozone awareness and released it through their official YouTube channel.

FORUM REPORTS

Planning Forum

- An interactive Session on Public Speaking Skills was arranged for the students on with, Assistant Professor Neethu S. Arakkal, Department of Economics, Little flower College as the resource person.
- Organised various competitions themed on „Voting is my Responsibility“ to inculcate a spirit of patriotism and to highlight the need of casting votes in elections.
- Organized Celebrate the Excellence to congratulate the toppers and students of BA Economics (2017-20) and MA Economics (2018-20).

Science Forum

- Department of Physics and Science forum of St. Mary’s College joined as the partner organisation of The Energy Swaraj Foundation for energy literacy drive.
- Both, faculty and students underwent a short course on “Learn to Design your own Solar Home System” delivered by Prof. Chetan Singh Solanki, Department of Energy Science and Engineering, IIT Bombay.
- An online energy quiz was scheduled at the end of the course.

- Our College received an appreciation letter for the support towards the Energy Literacy Drive as a Partner Organization by ensuring the participation of maximum students in the programme.

The Covid -19 pandemic has painted a gloomy picture in different areas. Though the College has not been able to conduct many regular programmes, she has utilized the facilities of information technology and online teaching learning platforms to its maximum to provide the academic community its best.

Various Programmes were initiated under the Vision 2021 with the hard work and sincere efforts of our staff and students.

I acknowledge with gratitude all the stakeholders – Students, staff, parents, Elder Marians, members of SMART and all well-wishers who have contributed immensely for maintaining and enhancing the prestige of this institution.

This time will also pass. The difficulties we pass through will turn us more courageous and vigorous. As we sail through our platinum jubilee to Centenary, we will uphold the values we learned by enduring the hardest of times and will try to shine our best.

God has been merciful and gracious towards us as we give thanks with a grateful heart for the abundance, blessings and gifts bestowed upon all of us. We continue to look to Mother Mary for wisdom and guidance in all the works that have been entrusted to us, as we believe that Mother Mary shall lead us on.

THANK YOU ALL!!!!