

Annual Report Team

Fr. Jobi Malamel CMI

Mr. Arun Thomas

Mr. Kuruvila K Ancheril

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“COR RECTUM INQUIRIT SCIENTIAM”
(A righteous heart seeks after wisdom)

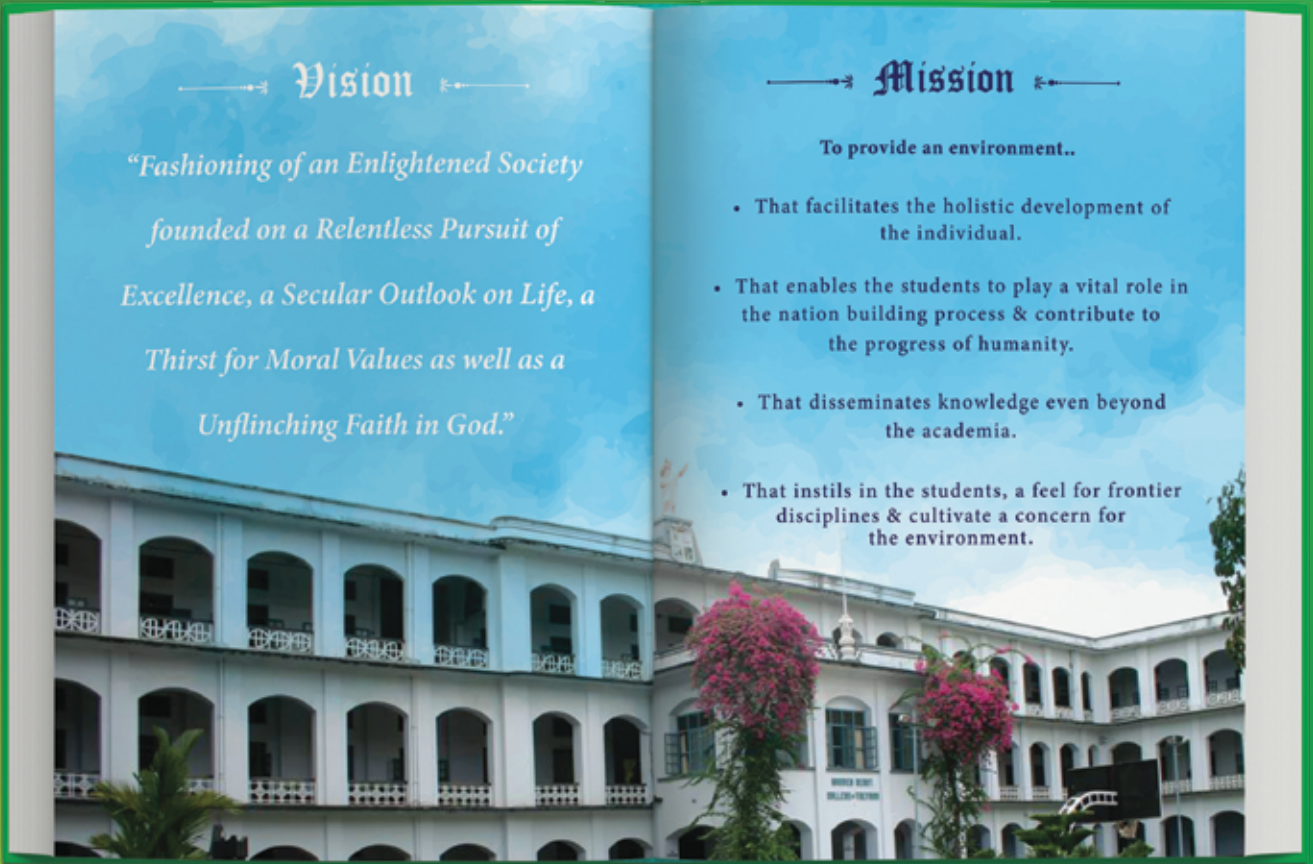
Vision

*“Fashioning of an Enlightened Society
founded on a Relentless Pursuit of
Excellence, a Secular Outlook on Life, a
Thirst for Moral Values as well as a
Unflinching Faith in God.”*

Mission

To provide an environment..

- That facilitates the holistic development of the individual.
- That enables the students to play a vital role in the nation building process & contribute to the progress of humanity.
- That disseminates knowledge even beyond the academia.
- That instills in the students, a feel for frontier disciplines & cultivate a concern for the environment.



Administration Senate



Rev. Fr. Paulose Kidangen CMI,
Manager



Rev. Fr. Prasant Palackappillil CMI,
Principal



Rev. Fr. Jose John CMI,
Vice Principal &
Controller of Examinations



Rev. Fr. Sebastian CMI,
Bursar



Dr. C S Francis,
Vice Principal (East Campus)



Dr. Jeet Kurian,
Staff secretary



Dr. Didimos K V,
Staff representative &
Student's Dean



Mr. Saju A J,
Superintendent

From the Chair of the Manager

I am very happy and proud to see the Annual Report of the yearly activities of Sacred Heart College Thevara which is a document of our accomplishments and achievements in the last academic year in all fronts both academic & extra-curricular. A College in the real sense of the term includes all its stakeholders - students, teachers, non-teaching personnel and all those who have been contributing to the making of the academic community at large. Sacred Heart College right from its inception in 1944 emerged as a towering institution of learning and excellence in the country and established itself as a frontrunner in all of its pursuits both academic and non academic and left an indelible mark in all segments of its activity.



Rev. Fr. Paulose Kidangan CMI

When we come out with a report of our yearly engagements I am sure it includes all of our engagements both intellectual, professional, cultural, social, economic, aesthetic, spiritual and pedagogical and it touches almost all fields of student life and development. It envisions the CMI vision of education which ensures and strive for holistic learning and development of physiological and psychological capacities and capabilities of student community and of the society to which we cater our services. In such a context this report stand out to be very special and relevant as it covers all spheres of student and faculty engagement and reflects a fully developed academic community which is responsible to ensure all round progress of all those who come under its purview.

I remember very specifically about the pandemic experience that affected our lives in 2020 and its deep impact on almost all domains of our activity including our regular mode of teaching and learning. Despite the constraints and limitations imposed on us by such a highly devastating infection, Sacred Heart College could initiate and successfully complete many endeavours in multifaceted ways and could come out with a strong note for all academicians that we can do it irrespective of all difficulties and disabilities.

When I peruse through this document I realise that there were a number of different types of endeavours initiated by all departments across the academic spectrum & also by various clubs and fora which contributed heavily to student development and for the welfare of our society at large. I could see the spirit behind our community engagement programmes including our recent Chellanam community assistance drive and a number of seminars, workshops and webinars all ensuring the interdisciplinary balance and nourishing our academic pedagogy.

I express my satisfaction and pride about our initiatives and strongly adhere to our Heartian spirit which is envisioned in our Vision statement. Let us always strive for ensuring value based education and a culture of humanity and excellence in the coming academic year also and building on this foundation let us try to achieve and add more glory and colours to our midst in this difficult situation.

My appeal to students & teachers who go through this report is that instead of reading this as a report of activities alone, you should see and perceive that this is an organic document which truly reflects the mission and motto of this temple of learning and should make an attempt to use this as a launching pad for your pursuits in the new academic year so that you can transform yourself & the lives of many.

I also specially invoke the blessings of Sacred Heart of Jesus for all of you and try to remind you all about our responsibility and commitment to mankind and to all those who are entrusted to our care and support.

May God bless you all and protect you from all harm and give you peace and tranquillity.

Principal's Address on 76th College Day



As we bid good bye to the first two decades of 21st century, Sacred Heart College, is both grateful and glad to have completed 77 years in higher education – being one of the oldest colleges in the aided sector of the state, which has more than 500 affiliated colleges.

We saw the previous year ending and this academic year emerging and evolving in the grip of lockdown times of the pandemic. The college which closed almost exactly a year ago, reopened with the unlocking process and at the very outset accomplished the task of completing the pending exams, reaching out to students in their localities and conducting exams in around 25 centres across the state and in Lakshadweep.

Simultaneously, we launched a range of programmes to counter the impact:

1. Initially continuous awareness by way of PA announcements, notices, campaigns on SMS etc.
2. Initiative to provide sanitiser at affordable cost.
3. On-line mentoring.
4. Assessments were made to know how the students were coping, and to provide support regarding learning – especially by way of providing equipment for learning online.
5. Promoting home based activities for learning, creative engagement with oneself, the community and the planet.
6. Reaching out to stranded population, and helping out with a community kitchen for almost a month, feeding almost 300 people every day.
7. Mental and intellectual preparation for the paradigm shift of online learning and teaching.
8. Technical preparation by way of training faculty members, coaching them, and equipping the infrastructure like LMS – MOODLE make over, dedicated server, increased data speed and back up for the same, involving investment of time, human resources and money.
9. COVID times saw two important developments – more of national nad international seminars/workshops taking place and students and faculty members attaining the flexibility to stride through the dual mode of teaching, learning, and experiencing in reality blended learning.
10. It also saw a record in the faculty and student attaining additional certifications, through COURSERA and NPTEL (Total Nos.) – List to be attached.

11. Converting environment friendly and agri-ventures with concurrence and proper documentation as a substitute for service learning.
12. Collection of COVID based documents – translation of relevant information in Malayalam in the initial phase, by Dr. Pius.
13. Encouraging research and projects based on COVID. Chemistry department could produce an indexed article related to drug design in this context.

Autonomous Status

Our college completed 6 years of autonomous status. Since we applied for the extension, a high level expert committee from UGC had visited the college in this connection and they have recommended the extension for another 5 years. We have been successful in establishing several good practices in this connection and in spite of the severe constraints on account a near-hostile environment. Several of our initiatives have been appreciated and replicated by others.



Administration

Our new manager Rev. Fr. Paulose Kidangen CMI took his office on October, 2020. The staff gave a warm welcome to the new manager, and with gratitude bid farewell to the serving manager, Rev. Fr. Dr. Augustine Thottakkara CMI.

New Manager – Rev. Fr. Poulouse CMI took charge as the new manager.

New Vice Principal – Dr. C.S. Francis, former HoD English and former Controller of Examination, was appointed as the Vice Principal for the new campus and for self-financing programmes.

Dr. Siby Mathew served as the senior most tutor on the campus.

Rev. Dr. Jose John as the Controller of Examination

Dr. Jeet Kurian as the staff secretary

Dr. Didimos K V as the Student's dean and Staff representative

New Deans and HoDs

Sl.No.	New Deans	Faculty	New HoDs	Department
1	Dr. Joseph George	Commerce & Management	Dr. Gibi Kuriakose	Botany
2	Dr. Jinu George	Science faculty	Dr. Jorphin Joseph	Chemistry
3	Dr. Tom C Thomas	Arts & Humanities	Ms Tessa Mary	Commerce
4	Dr. Didimos	Student's services	Prof. Siby K.I.	Sociology



Academic Ratings

Over the years, the SH college has established itself a frontrunner in the quest for excellence, both in the academic and co-curricular fields. In the year 2000, Sacred Heart College is ranked 55 in the MHRD NIRF India Ranking 2020. The College was ranked in top 50 colleges by the surveys conducted by the India Today (Arts: 23, Science: 24, Commerce: 29) and The week (Arts: 41, Science: 26, Commerce: 26) magazines for the calendar year.

New Facilities – New Milestones

The main campus has attained full green power status – the process initiated way back in 2011 has attained almost full coverage with 155 Kwh solar power on-grid system installed producing on an average 600 units per day. The new campus – Riverside Campus on the shores of Konthuruthypuzha has become a reality. Though the ambitious 240000 sq feet BSE GREEN project is not complete, with more than 40000 sq feet all set, the dream of the third campus is becoming a reality. The water body lost in the process of construction has been substituted by a similar sized pond. An incubation centre with provisions for 10 start ups has been developed in about 4000 sq feet. New toilet facilities with automated systems for hygienic maintenance and water conservation has been established. 500000 liter capacity sump has been completed under RUSA, with plumbing works and conversion into play courts remaining to be completed. A plan for the development of the Media-Communication Campus (after the legacy of St. Chavara), combining the thrust on the word and CMI Carmelite tradition, has already been prepared.

New Faculty

1	Dr. Ammu Rosin Jose	Chemistry
2	Dr. Deepak D Prabhu	Chemistry
3	Dr. Jaison M J	Chemistry
4	Dr. Aparna S	Economics
5	Dr. Ann Rose Abraham	Physics
6	Fr. Jobi Malamel CMI	Zoology
7	Sr. Divya Sebastian	Zoology



Self-Financing Stream – 21 new posts

Commerce – 6, English -5, Management – 3, Languages – 3 (Malayalam -1, Hindi -1 and French – 1), Sociology – 1, Statistics – 1, Psychology - 1

New Programmes

Sl.No.	Programme	Stream
1	M. Sc (B. Sc integrated programme) in Computer Science	Aided
2	M.A. English literature	Unaided
3	M. Com	Unaided
4	Commerce with finance and Taxation	Unaided
5	B. A. Communicative English	Unaided
6	B. Sc. Psychology	Unaided

We have

19 UG
Programmes
(21 Batches)

17 PG
Programmes
(19 Batches)

Student
Strength
3000

Faculty
Strength
170

Student Involvement & Participation

The formal student bodies could not be installed this year on account of the inability to come together on the campus. However, student representatives chosen under the guidance of the class teachers functioned to represent the students on issues pertaining them. In the light of such representations action was initiated to:

- Provide exam facilities at their door stop with no student to have to travel beyond their district borders.
- Permission to pay fees at their ease in two or more instalments
- Scholarships to about 100 students as a special COVID provision.
- 15% concession in college related fees in both aided and self-financing schemes.
- Shifting of exam dates and rescheduling to provide greater gaps between exams.
- The routine student parliament was substituted by batch wise parliamentary sessions with the Principal, VPs, the Deans and the HoDs.

The club activities still continued with NCC and NSS units managing both on-line and campus based activities to a great extent, whereas clubs like Age Friendly becoming adept at managing their activities with greater vigour online. Music and Dance clubs also took leadership to have both online and offline programmes. Both the clubs could bring laurels to the college by winning championships in prestigious events held within and outside the state. Women Cell also did some innovative steps during the COVID times. We have vibrant career guidance and placement cell through which regular orientation programmes and placement initiatives take place.

Department activities were active even online

Some unique initiatives and achievements could be mentioned in this regard: Webinar series initiated by the computer department association. The model induction programme initiated by English Department. International seminar series by English department. Prof. K.V. Thomas endowment annual conference being held as an international scholar meet. The Drug Design certificate course being accomplished on-line. An international seminar each by Physics and Commerce departments online. A few unique initiatives for student induction, alumni-student interfaces etc. by Physics department. Webinars by Economics and Sociology departments on topical issues. Magazine – Kuruthi by Sociology department. Lifelong learning opportunities were provided by each of the departments – especially through on-line learning.



Departments: At a glance

Department	NET	JRF	Ph.D Faculty	Ph.D Students	Publications	Seminars/ Webinars / Workshops
Additional languages	-	-	-	-	-	6
Aquaculture	-	-	-	-	-	2
Botany	2	-	-	2	6	10
Chemistry	-	3	-	-	11	15
Commerce	-	-	-	-	-	10
Computer Science	-	-	-	-	-	15
East campus Departments	-	-	-	-	5	6
Economics	-	-	-	4	1	10
Environmental Science	-	-	-	-	-	3
English	-	-	-	-	2	10
Mathematics	-	-	-	-	-	3
Physics	-	-	-	-	1	10
Sociology	-	-	-	-	-	6
SH School of Communication	-	-	-	-	-	32
Zoology	1	-	-	3	12	6

Result Analysis of the Calendar Year

Undergraduate (UG)	Appeared	Passed	Pass%
BA English	21	20	95.24
BA Economics	54	48	88.89
BA Sociology	26	18	69.23
BA Animation	38	31	81.58
BSc Mathematics	27	26	96.30
BSc Physics	44	40	90.91
BSc Chemistry	42	41	97.62
BSc Botany	31	29	93.55
BSc Zoology	42	41	97.62
BCom Finance & Taxation Aid	60	56	93.33
BCom Finance & Taxation Self	37	35	94.59
BCom Computer Application	59	56	94.92
BCom Travel & Tourism	38	29	76.32
BSc Computer Application (Triple Main)	29	21	72.41
BBA Integrated Marketing & New Media	26	19	73.08
BCA (Mobile Applications and Cloud Technology)	23	13	56.52

Postgraduate (PG)	Appeared	Passed	Pass%
MA Cinema & Television	9	8	88.89
MA English	16	15	93.75
MA Economics	19	18	94.74
MSc Mathematics	11	9	81.82
MSc Physics	12	11	91.67
MSc Chemistry	19	17	89.47
Msc Pharmaceutical Chemistry	11	10	90.91
MSc Botany	12	12	100.00
MSc Zoology	10	10	100.00
MSc Environmental Science	14	14	100.00
MCom	24	22	91.67
MSc Aquaculture	20	20	100.00
MA Graphic Design	8	8	100.00
MCJ	15	15	100.00
MA Digital Animation	3	2	66.67
MA Sociology	12	10	83.33



AWARDS

- The Kairali Gaveshana Puraskaram for teachers undertaking research was secured by Dr Franklin J(chemical science) instituted by the State government.
- Dr. Pius Augustine (Department of Physics) got the TEACHERS ASSOCIATESHIP FOR RESEARCH EXCELLENCE (TARE) fellowship Instituted by SERB
- Dr. Rajesh James (Department of English) – Kerala award for the best documentary film
- Ms Ragam (Department of Botany) – one of the best NSS Programme Officers of Mahatma Gandhi University
- Mursal Asisi (student from Afghanistan, SH school of Communication), MADGA (2018-20) received the Best Editing Award in National category for the Documentary, Chinnamma the Story of a Woman Hidden Under Water at Herat International Women's Film Festival (HIWFF) held at Kabul (December 2020)
- Parvathy Sreevalsan (Department of Chemistry) received the 'certificate of appreciation' from the University for her Outstanding Contribution as volunteer secretary
- Parvathy Sreevalsan (Chemistry) received the 'certificate of appreciation' from the University for her Outstanding Contribution as NSS volunteer secretary



- Anirudh G Bhasker of BA 4th semester got best cadet NCC award from PM Modi.

Patent

Dr. M. S. Francis (Associate Professor, Retired) and his Ph.D student Mrs. Tintu Jose Maniketh (Department of Botany) have got a patent for their discovery of “A Method for producing a Nyctanthes arbor-tristis dye and its applications”.

Outreach & Extension

Our outreach and extension activities continued to be coordinated with the effective leadership of student development office, under the banner of HEAL, organising regular outreach programmes. Service learning of the UG students is a major contributor towards this.

First Extension Centre – led by our former Vice Principal and Physics faculty Dr. Fr. George Pittappilly – alternative energy and eco-friendly life styles. Second Extension centre at Arayankavu – SHCOOB – focussing on organic farming, ornithology and biodiversity. Feb 27, 2021. In the small centre we have introduced 21 species of fruits and

vegetables in observation of the international year of plant health 2020 and international year of fruits and vegetables 2021. In collaboration with Organic Kerala Charitable Trust, with the Principal as its chairman, we could organise a 4 day long exhibition on the theme of International Year of Fruits and Vegetables, in the town hall, Ernakulam. With Kochi Corporation and its new HEAL programme as chief patron.

Alumni Association – AASH

Alumni Association of Sacred Heart College (AASH) functions as a nodal agency for maintaining liaison with the alumni and to involve them in the development and growth of the institution, which operates through its full-fledged web portal AASH. In addition to this umbrella body, the college has alumni associations for individual departments and chapters in North America, Newyork, Houston, Chicago, Washington, UAE, Quatar, Middle East, New Delhi, Bangalore and Chennai, which meet at least once every year. These annual meetings renew their bond to their 'alma mater' and also provide an opportunity to draw feedback on the programs offered by the college, their effectiveness and the expectations of the industry, as well as sensing the trajectory of advanced research. The association assists the college in instituting scholarships, organising lectures as well as giving lectures, as well as providing financial and logistic support to the various programs organised by the college. Even during this pandemic situation, the alumni associations of different Departments and clubs held their get together through online platform.

Retirement: (Teaching & Non-teaching)

Prof. M.P. Sebastian, HoD Mathematics - 32 years of teaching. A teacher through and through, with his loud booming voice and with thrill of a new explorer to daily discover mathematical principles anew. He has contributed 15 books for making learning maths easy for the students.

Prof. Siby K.I retires as the HoD of Sociology, leaving the department with just one faculty member remaining on board. With his natural talents as a trainer, he has guided many youngsters to lead a fulfilling life. He has contributed well to transform our NSS unit into its present glorious stature. He has also served the campus community as the staff secretary and staff representative.

Dr. Ima Neerackal has had just 6 years on the college campus as she joined the campus in 2015 after a longer stint with Assumption College, Changanachery. She has contributed as research guide and the secretary to the Academic Council and chairperson of the Internal Complaints committee.

Mr. M.V. Sebastian, also known as Joy, worked as lab assistant for a long time. He has been a silent and steady worker who went about his tasks leaving very minimum opportunity for correction.

Mr. Paul K.A. has is retiring this month after serving the college for over 2 decades, with the last phase of his service being confined to the Botany and Chemistry labs.

Mr. Saju A.J. has grown steadily with the college, after having begun his career as an attendant, lab assistant, managing admissions desk, accounts and finally guiding the college office as its superintendent.

Obituary

With a deep sense of sorrow we mourn the untimely demise of a few of our former staff members.



Prof M K Abraham
(Department of Physical Education)



Dr P A Sebastian
(Department of Zoology)



Rev Fr. Domitian Manickathan CMI
(Department of additional languages)



Prof. K.V. Sebastian
(Department of English)

Let their souls rest in peace.

Gratitude

God almighty – Sacred Heart

- Our beloved Fr. Manager and former Manager, Rev. Dr. Augustine Thottakkara
- Our Vice Principals: Dr. Jose John, Dr. CS Francis
- Senior most tutor: Dr. Siby Mathew
- Our dynamic bursar : Dr. Sebastian John
- IQAC team led by Dr. K.M. Johnson - about a dozen of them, working day and night for our reaccreditation process.
- Our software admin Rev. Nijo and his team of committed workers
- Our Deans of various faculty and Student Services and Research
- Our innovative librarian and a mainstay of our IQAC team Mr. Biju V.V.
- Our Exam team, Controller & Dep. Controller and Superintendent
- Dr. Cyriac Antony, autonomy cell coordinator
- Dr. Giby, Council Secretary and the Staff Secretary Sri Jeet Kurian and Staff Rep Dr. Didimos.
- Rev. Dr. Joby and Jeenu Kurian for the support in preparing this report
- Our entire admin office and the dedicated superintendent Sri Saju A.J.
- PTA Vice President and my good friend Sri Philip Ji
- All the committees, clubs, foras and their coordinators
- All the faculty members, students, alumni.



Heartian Gallery







Curricular --- Activities



Department of Additional Languages



Department of French

The Department of French conducted an International webinar for French teachers all over the world on Presentation de culturetheque, mediatheque gratuite en ligne de l'Institut Francais by Mr. Eric Perotell, Attache for cooperation in French Language, French Embassy in India & another webinar for students of French (53) on *L'APPRENTISSAGE A TRAVERS DES HISTOIRES : A LA KAMISHIBAI* by the Retd. French Associate Professor of Cochin College, Dr. Somadha Mohan.

An interdisciplinary webinar in association with the French Embassy and French Institute in India in coordination with the Commerce Department of Sacred Heart College.

THE DEPARTMENT OF FRENCH IN ASSOCIATION WITH PG AND RESEARCH DEPARTMENT OF COMMERCE

INVITES YOU TO AN INTERNATIONAL WEBINAR ON

FRENCH - COMMERCE : OPPORTUNITIES IN INDIA

Julien Romano
Trade Officer Industries & Cleantech Department, Business France

Vivien Massot
French Foreign Trade Advisor (CCEF) & Managing Director India at TACECONOMICS (France)

Date : 12 October 2020
Time : 13:45 - 15:30 (IST)

Free Registration
E-Certificates will be provided
Click this QR code for registration

Meet

ORGANISERS
REV. DR. PRABANTI PALACKAPPILLIL, CM (PRINCIPAL)
ERIC PERROTEL, ATTACHE FOR COOPERATION IN FRENCH LANGUAGE, FRENCH EMBASSY IN INDIA
TESSA MARY JOSE (HOD COMMERCE)
DR. SHOBA LIZA JOHN (HOD FRENCH, PROGRAM COORDINATOR)
PRIYA PS (ASST. PROFESSOR COMMERCE, PROGRAM COORDINATOR)

Contact :
Phone : +919446376135, +919847234356
Email : shcollege.commerce@gmail.com

THE DEPARTMENT OF FRENCH IN ASSOCIATION WITH THE PG AND RESEARCH DEPARTMENT OF COMMERCE

INVITES YOU TO AN INTERNATIONAL WEBINAR (SERIES 2) ON

FRENCH - COMMERCE : CAREER OPPORTUNITIES AND DEVELOPMENT IN BANKING OPERATIONS

NOVEMBER 4, 2020
15:00 - 17:00 HRS (IST)

E-CERTIFICATE WILL BE PROVIDED FREE REGISTRATION

SCAN THIS QR CODE FOR REGISTRATION

ORGANISERS :
REV. DR. PRABANTI PALACKAPPILLIL, CM (PRINCIPAL)
ERIC PERROTEL, ATTACHE FOR COOPERATION IN FRENCH LANGUAGE, FRENCH EMBASSY IN INDIA
TESSA MARY JOSE (HOD COMMERCE)
DR. SHOBA LIZA JOHN (HOD FRENCH, PROGRAM COORDINATOR)
PRIYA PS (ASST. PROFESSOR COMMERCE, PROGRAM COORDINATOR)

CONTACT :
Phone : +919446376135, +919847234356
Email : shcollege.commerce@gmail.com

Other Programmes

The students of the dept of French celebrated 14 July, French independence Day by doing presentations on the theme of Liberty.

The Dept of French in association with the Computer Science Department conducted an International Webinar on 4 February 2021 on the topic France in India: Opportunities in Data Science & Artificial Intelligence in collaboration with the French Embassy in India.

The students of French Department celebrated Teachers day by making video presentations.

Department of Malayalam

Webinar

The dept of Malayalam organised a webinar on "Thanath Naadakavicharangal" on 17 November 2020. A session on drama demonstration and discussion was also conducted by Mr. Girish Sopanam and Mr. Gopalakrishnan Nair.



Department of Sanskrit

Onam celebration

Dept of Sanskrit conducted an online Onam celebration on August 28th 2020. Students along with their family participated in the programme. They performed many events such as Onam pattu, dance, speech etc. Dr.K.U. Vijayarajan delivered the Onam message to the students. Students also exhibited their Onam pookkalam.

Freshers Day

Second year Sanskrit students conducted Freshers day. They organized many entertainment online programmes for the first year Sanskrit students.



Release of Newsletter

Dept.of Sanskrit released an online Newsletter on November 5th 2020. It was inaugurated by Fr.Dr. Prasant Palakkappillil, Principal, SH College, Thevara. Dr.Shoba Liza John (HOD, Dept.of Additional languages), Sri.Vishnuraj .P (Asst.Professor, Dept.of Malayalam) Sri. Shyam Lal (Asst.Professor, Dept of Hindi) delivered the felicitation.





Department of Aquaculture

Programmes

Department conducted invited talks on different areas of the aquaculture during the pandemic period. Ms. Leena Raphael awarded Doctoral Fellowship during the month of January 2020.

Ms.Sangeetha.K.R. & Ms. Litty Mary attended Three weeks Faculty Development Programme organized by Saint Francis De Sales College ,Nagpur from 1st December to 23rd December 2020.

Ms. Litty Mary completed an Online training course on “Fishery Oceanography for future professionals (Level: Basic, Batch - 1)” organized by International Training Centre for Operational Oceanography (ITCOcean- INCOIS) during November 16- 20th , 2020 Hyderabad, India.

Almost 50% of the alumus were placed different firms of the aquaculture based both in country and abroad.



Department of Botany

Botany Association Inauguration

The inauguration of activities of the Botany Association was conducted online on 18th September 2020 by Mr. Bittu John Kallumgal, Founder and Managing Director of 7 to 9 Green Store, Kolenchery. He delivered an interactive session live on Google Meet from his shop. It was an inspiring session for the students of botany as he runs the shop with zero waste and no usage of plastics. Fr. Prasanth Palackappillil, Dr. Giby Kuriakose, Fr. Dr. Jose John interacted with the students during the function.



Fresher's Day

The Fresher's day for the 2020-22 batch M.Sc. Botany took place on 5th November 2020 as an online programme on Google meet. The second year MSc students welcomed the newcomers.

Christmas Celebrations

An online Christmas celebration of the department of Botany was conducted on 22nd December 2020 on Google Meet platform. Dr. Giby Kuriakose, Head, Department of Botany addressed the students and Fr. Dr. Jose John delivered a Christmas message to the students. Various cultural programs and activities were conducted.

Workshops/ Seminars organised

In collaboration with the Primrose Nature Club, the department has organised 7 series of webinars in commemorating the National Wildlife Week during 2nd of October to 8th of October 2020.

In connection with "World Conservation Day", the department has organised a webinar on Fungal Diversity of Kerala. Dr. C.K. Pradeep, Senior Scientist & Head, Microbiology Division, Jawaharlal Nehru Tropical Botanic Garden & Research Institute (JNTBGRI) was the resource person.

The Department of Botany, Sacred Heart College (autonomous), Thevara, Cochin in association with The Department of Botany, Maharaja's College (autonomous), Ernakulam and Centre for Science in Society (CUSAT), conducted Paarisdhithikam 2019-2020 funded by the Department of Environment & Climate change, Government of Kerala on 27.10.2020 at 3.30PM- 7.00PM. The lecture was titled

as “Air Pollution in India: Search for sustainable solutions”. The talk was facilitated by Dr. Tirthankar Banerjee, Assistant Professor, Institute of Environment and Sustainable Development, Banaras Hindu University.

CSIR-JRF 2020-21

Ms. Aleena Aruparayil and Ms. Meera Sankar of 2018-2020 M.Sc. batch have qualified with for lectureship.

Ms. Bhanupriya R has secured PhD admission in the MG University.

UG and PG Results

About 93.5% students of the B.Sc. 2017-20 batch have completed their degree program successfully and M.Sc. 2018-20 batch students have scored 100% pass in the P.G. programme.

Student Induction Programme

Online induction programme for both new students of PG and UG have conducted. Five different staff members of the department have involved in the induction programme for the new UG batch students. Various sessions have conducted online between 9th September and 27th September 2021. Induction programme for the PG new batch have conducted online during 12th September to 21st September 2021 as four different sessions handled by four staff members of the department.

Publications/ Webinars/ Seminars/ Workshops

Staff members of the department have published 6 scientific publications in various journals. Different staff members have participated about 29 online seminars/ workshops.

Awards

Dr. M. S. Francis (Associate Professor, Retired) and his Ph.D student Mrs. Tintu Jose Maniketh have got a patent for their discovery of “A Method for producing a Nyctanthes arbor-tristis dye and its applications”.

Ph.D Awarded

Two Research Scholars, Mr. Geo Joseph (Guide – Dr. M S Francis) and Mrs. Swapna Vijayan (Guide – Dr. C M Joy) have successfully defended their Ph.D thesis and got awarded with Ph.D degree.





Department of Chemistry



Achievements of the Department

New UGC Certificate Course

This year SHCh started running a 6-month UGC-NSQF Certificate Course in 'Innovative Drug Design using molecular modeling techniques' for professionals/researchers and students who have completed their graduation in Chemical, Physical or Biological Sciences. The course would be useful for both chemists and biologists who wish to use computer-based methods to enhance their research/work output.

Three Talented New Faculties Join the Department

Dr. Ammu Rosin Jose, Dr. Deepak D. Prabhu and Dr. Jaison M.J. joined this year in the Department, strengthening the Department's teaching and the research.

New Science Dean and NSS Co-ordinator from SHCh

Dr. Jinu George is appointed as the new Science Dean of the college, making a total of four council members from the Department. Also, Dr. June Cyriac of SHCh is one of the newly appointed NSS co-ordinators.

Faculty Achievements

Dr. Jorphin Joseph	<ul style="list-style-type: none">• Appointed as HoD. College Council Member.• Invited as a member of judging panel of Sasthrapadham 2020-21 organised by Samagra Shiksha Kerala in collaboration with Department of General Education, Kerala.
Dr. Franklin J	<ul style="list-style-type: none">• Dean of Research, College Council Member• Awarded KAIRALI GAVESHANA PURASKARAM. The award is of Rs. 25 lakhs including Rs. 1 lakh as cash prize and research grant up to 24 lakhs for two years. The project proposed is on anti-cancer agents on which Dr. Franklin has been doing research.• Published an article in Journal of heterocyclic Chemistry titled 'Novel synthetic aromatic thiourea derivatives and investigations on their cytotoxic potential efficacy'.
Dr. Jinu George	<ul style="list-style-type: none">• Appointed as Dean of Science, College Council Member• Won Best poster award in the international conference on 'Advanced materials for biomedical applications' organised by Bharat Mata College(BMC), Dec 2020• Published an article in Journal of heterocyclic Chemistry titled 'Novel synthetic aromatic thiourea derivatives and investigations on their cytotoxic potential efficacy'.

Dr. Grace Thomas	<ul style="list-style-type: none"> • Joint Co-ordinator IQAC, College Council Member • Gave Invited talks on Intellectual Property Rights(IPR) in the webinar series organised by Sacred Heart College(Autonomous), Thevara(July 2020) and Mamo college, Manassery (October 2020). • Resource person for the FDP on Innovative practices for academic excellence organised by BAM College, MG University in association with MHRD and SGTB Khalsa College 18-30 January 2021.
Dr. Ignatious Abraham	<ul style="list-style-type: none"> • Attended Two Faculty Development Programmes on “<i>Advanced Concepts for Developing MOOCS</i>” & “<i>Managing Online Classes and Co-creating MOOCS-3.0</i>” Organized by Teaching Learning Centre, Ramanujan College, University of Delhi and Sponsored by PMMM National Mission on Teachers and Teaching (PMMMNTT), MHRD • Participated in three Faculty Enrichment Programmes on “<i>Statistical Thermodynamics</i>”, <i>Group Theory and its Applications in Chemistry</i>, & “<i>Computational Chemistry</i>” Organized jointly by various colleges and CRSI Kerala Chapter.
Dr. Midhun Dominic C.D	<ul style="list-style-type: none"> • Nodal Officer-UGC-NSQF courses • Invited lecture on “<i>Processing and performance properties of chitin nanowhiskers reinforced acrylonitrile butadiene rubber composites</i>” at First International Conference on Blends, Composites, Bio-composites and Nanocomposites (ICNC-2020) Organized by Mahatma Gandhi University • Invited lecture on “<i>Chitin Nanowhiskers Reinforced Acrylonitrile Butadiene Rubber: Processing and Performance Properties</i>” at Webinar on Material Science held on December 2020 organized by Endeavor Research Private Limited. • Invited lecture in online international conference on Macromolecules organised by Mahatma Gandhi University during November 2020. • Published TWO RESEARCH PAPERS; one in the journal ‘Carbohydrate Polymers’ and another one in the journal ‘Journal of Applied Polymer Science’
Mr. Senju Devassykutty	<ul style="list-style-type: none"> • Co-ordinator - International web conference NTAC2020 • Co-ordinator - 6th Prof. V.A. Joseph Endowment National Seminar
Dr. June Cyriac	<ul style="list-style-type: none"> • Invited talk at SCMS school of engineering and technology on 8 Jan 2021. • Invited talk at UKF college of engineering and technology on 3 Dec 2020. • Course in Charge of UGC-NSQF certificate course.
Dr. Ramakrishnan S	<ul style="list-style-type: none"> • Course in Charge of UGC-NSQF certificate course. • Co-ordinator, Prof. P.J. Joseph memorial intercollegiate Quiz programme.
Dr. Deepak D. Prabhu	<ul style="list-style-type: none"> • Co-ordinator - International web conference NTAC2020. • Published 3 research articles in the year 2020-21; one in Nature and two in Chemistry European Journal.

Dr. Abi T.G.	<ul style="list-style-type: none"> • Course Co-ordinator-UGC-NSQF certificate Course 'Molecular Docking and Drug Design' • Resource person of online workshop on 'Molecular Docking and Drug Designing' organised by Department of Chemistry of Government Sanskrit College, Pattambi. • Resource person of online workshop on 'computational quantum chemistry' organised by Department of Chemistry St. Xavier's College, Aluva. • Published a research a Covid-19 related research article in the 'Journal of biomolecular structure and dynamics' in Feb 2021. • Paper Presented in Kerala Science Congress-2021 related to anti-COVID drug discovery research
Dr. Ammu Rosin Jose	<ul style="list-style-type: none"> • Completed GADTLC one-week FDP programme "Enhancing quality of chemistry Education in India"

Other Student Achievements in 2020 – '21

Number of CSIR-JRF qualified students	: 03
Number of NPTEL courses completed	: 73
Number of INSPIRE Fellowships won	: 09
Number of Central Sector Scholarships won	: 07
Number of scholarships by higher education	: 02



More Student Achievements in 2020 – '21

- DevikaMadhu(II BSc) was one of the delegates on behalf of NSS representing India for a marathon "WE ARE TOGETHER" organised by Russian Federation.
- ShwethaJayaram (II BSc) won TGPC talent of the month. She was also the first runner up of Miss Queen, Kerala and Miss Beauty of Kerala.
- Maria M. Sebastian (II BSc) got selected for a two-month internship in Kerala Police Academy.
- Theresa Davis (II BSc) participated in International Model United Nations and was selected as the best verbal presenter under UNODC.

Activities Organised By The Department

Chemi Onam

An online onam celebration was organised by the Department on August 28, 2020. Dr. Jinu George, Dean of Science gave the Onam message. It was followed by different cultural programmes and competitions

Prof. V.A Joseph Endowment Seminar

New Trends in Applied Chemistry(NTAC2020) - Prof. K V Thomas Endowment International Web Conference (3rd edition of NTAC)



Chemifest 2020-21

Department of chemistry Sacred Heart College, Thevara organised Chemifest on 27-2-2021. The session was inaugurated by Principal Dr. Prasant Palackappillil. In the inaugural message, he stressed the importance of keeping the classrooms and workplace clean. After the inaugural session, the assigned groups of students headed by the teachers cleaned labs, classrooms, the Department, store etc. The programme was carried out by strictly adhering to Covid protocol.

Activities Organised By Chemalumni Association

Chemi Onam

The meeting started with College anthem at 5 PM on September 21, 2020 and observed a minute of silence in memory of the departed souls Prof. Varghese Paul, Prof. George Kallarackal CMI, Prof. Kerala VarmaThampuran and Prof. Thomas Jacob (Thambi). Dr.Jorphin Joseph, HoD, Dept. of Chemistry welcomed the gathering. Rev. Dr. Prasant Palackappillil, Principal delivered the Presidential address. Chief Guest of the programme, Fr. Thomas Chathamparambil, Prior General of CMI Congregation delivered the Keynote address and blessings. Felicitations were given by Prof. K V Thomas, Former Head, Dept. of Chemistry, Prof. Robert Stanley, President, Chem. Alumni and all former and current Teachers of the department introduced themselves and shared their thoughts and memoirs along with few alumni students. Dept. Secretary Dr.Ignatious Abraham delivered vote of thanks. Meeting came to an end by 6:30 PM.

Felicitatation to Prof T S Anirudhan

A programme was coordinated by Chemistry Association and Chem Alumni on 20 November, 2020 to felicitate Prof T S Anirudhan(Kerala University) for being in the list of top 2% scientists in the world in the field of Chemical Engineering by a study conducted by Stanford University.



Chem Alumni Secretary Shri Jolly George, welcomed the gathering and Fr. Principal delivered the Presidential address. Felicitations were done by DrJorphin Joseph HoD Dept. of Chemistry, Prof V A Joseph Former Head, Dept. of Chemistry, Smt. Liseiu Xavier (Alumna 1977-80), DrKochubabyManjooran (Alumnus 1977-80) and former Teachers.Prof T S Anirudhan addressed the gathering, inspiring all with his experience, and exhorting all for putting more efforts in the field of research. It was followed by the talk by Chief Guest Prof Mahesh Hariharan, IISER TVM, (Alumnus 1998-2000) on 'Grooming for Research'. Our M Sc Students benefitted from the programme.

Department of Commerce (West Campus)

International Webinar on Entrepreneurship

The department organized webinars on different subjects in the pandemic period especially aiming for career development of students.

Noella – Christmas Celebration & Competitions

The Christmas day celebrations was hosted by the department on 22nd December 2020 at 2PM. The event was conducted through online platform. In connection with the same the department organised two competitions online, Anything Christmassy - the photography competition and Rhymes of Bethlehem- the Christmas message competition. Both the competitions were conducted online & the winners were announced during Christmas celebration of the Commerce Department.

Career Awareness and Union Budget 2021

The department of commerce in association with the Ernakulum Branch of SIRC, Institute of Chartered Accountants of India (ICAI) organised a seminar on Career awareness and takeaway for youngsters from the union budget 2021 on 27th February 2021 from 9.30 AM to 11.30AM. Shri. Prasant Nair IAS was the Chief Guest for the day. The session was handled by C.A Jomon K. George past chairman, ICAI. More than 500 students from commerce department participated in the same.

TANDAV 2021

TANDAV is the annual management cum cultural fest of the department which has a history of 22 years. For the first time Tandav 2021 was hosted online by the department from 1st to 4th March 2021. This year the event was conducted at International level with more than 300 participants from various institutions around the world. 23 students from various foreign universities participated in the event. The event consisted of 8 competitions which included both management and cultural events.

Cine actress Mia George was the chief guest for the valedictory function in which the winners of the events were officially announced. The program was a grand success and was very much appreciated by the participants.



WE CON

We Con (We Contribute) is a regular social outreach programme undertaken by the alumni of B.Com Computer application which extend a helping hand to the cancer patients of General Hospital Ernakulam by distributing medicines to them. During the month of October of this academic year they distributed medicines worth Rs. 10000 to the cancer patients of General hospital, Ernakulam.



Alumni Meet

The alumni meet of the Commerce Department - Hrudaya 2020 is held on the 15 th of August every year. Last alumni meet of the department was conducted online via Google Meet on 15 th August 2020. It was half day programme and alumni from both inside and outside the country participated in the meet. There were 187 participants including former teaching faculty of the department. Principal addressed the gathering and appreciated the efforts taken by the department in organising the programme, former alumni and music director Shri Deepak Dev also addressed the gathering.



Commerce Association Inauguration

The Commerce Association Inauguration of the department was held on 27th of August 2020 in the Webex platform. Shri R. Sreekanth Nair, MD Flower TV and 24 News inaugurated the programme which was followed by variety entertainments by students of the department.

FDP In Association with IQAC

An FDP on Curriculum Enrichment and OBE was organised by the PG and Research Department of Commerce in association with IQAC, Sacred Heart College (Autonomous) Thevara on 18th February 2021. The resource person was Prof. P. J. Mathew, Chartered member of Logistics & Transport International and Visiting Professor, Glasgow Caledonian University @ National University Muscat, Sultanate of Oman. The need for outcome in teaching & learning and the importance of application in learning was stressed, the session was attended by 20 faculty members of the Commerce and Management stream.



Department of Commerce (East Campus)

Department level interaction

Students from all four streams were addressed by our HOD Dr. A.M Viswambaran and each class teacher gave them a brief picture on the scope of the course and how they can build a career. All the student queries regarding class timings, subjects, uniforms and others were clarified. Students were divided into teams and were given the 'Fist Bump Challenge' invite. Initially students found it difficult to form teams with unknown classmates but subsequent interactions made it better. Once they were settled in their groups; brainstorming for ideas, we shared a promo video to boost them up. And slowly they developed a competitive spirit and realized the advantages of digital platform in showcasing their talents. The outcome expected from this interactive session was to break the ice of online platform, develop team work, improve their leadership skills and finally to understand their level of creativity in showcasing their talents.

Fist Bump Challenge

An interactive session was organized for the students. Students were divided into teams of 5 and 6 members and were given 2 days' to prepare. Each team was given 5 minutes for self introduction and 5 minutes for the presentation of activity of their interest. Some of the activities included talent show, what they would do if they were elected the Prime Minister and cabinet ministers of our country, how would they plan a trip, what if they had a time machine, Come up with a story for Baahubali 3 etc. Students were very vibrant and few performances were very impressive. On the final day of 'Fist bump Challenge' Winners were announced and special appreciations were given for special performances. Each team also wrote a report, sharing their experiences and how well they interacted with their team members. Also an 'Editing team' from computer application was selected to make a video, highlighting the performances of our interactive week.

PTA meeting

The first PTA meeting was conducted for B.Com Computer Application from 10:AM- 11:45AM, for B.Com TT from 7:00PM-8:00PM and B.com Taxtion on 5th October from 10.00 AM to 11.30AM . The meeting was very interactive and all the queries raised by parents were addressed by our Vice Principal Dr. C.S Francis and our HOD Dr. A.M Viswambaran. Also the class teacher, mentor and subject teachers interacted with the parents and explained to them about the subjects they handle. Parents also gave good feedback on how well students participated for the interactive session and also appreciated the teachers for their efforts in coordinating the activities and classes well.

Bridge Course

A bridge course in Accounting was conducted for non-commerce students of B Com and BBA Batches.

Other activities

- Students from B.com Travel and Tourism East Campus collaborated with main campus in organizing the “Travel scope” fest. The programme was a success with immense support from the participants.
- The Department started the classes for Wealth and Investment Management and almost 40 students have enrolled for the add on course. It was decided to complete the course by February and each module was assigned to a faculty member.
- Christmas Celebration was held from 3.00 to 5.00 PM via WebEx platform. Representatives were chosen from each class, who are were assigned the responsibility to coordinate the programme. Students organized certain entertainment programmes and games and we had an active participation from the part of all the students as it was a break from their academic schedule.
- In tune with SDG – 12 – SH Agri Club initiated paddy cultivation for the year 2020-2021 and almost 10 students from B.com Travel and Tourism volunteered and participated in the farming activities organized by the SH Agri Club. Students mentoring sessions were effectively carried out by Mentors/Class teachers for all students.
- Retest for Internals were conducted for those students who failed to attend First or second Internal Examination.

Faculty Achievements

Dr. A M Viswambharan	<ul style="list-style-type: none"> • Participated in AICTE Sponsored Online Short Term Training Program on Advanced Financial Statement Analysis 7th September to 12th September 2020 organised by SCMS COCHIN SCHOOL OF BUSINESS, Prathap Nagar, Muttom, Aluva, Cochin. • Attended an International Webinar on French - Commerce : Opportunities in INDIA - 12/10/2020 conducted by Commerce Dept. SH College Thevara. • Conducted an orientation session for I Year UG students of St Albert's College Ernakulam
Ms. Anchana Bobachan	<ul style="list-style-type: none"> • Attended three days Faculty Development Programme conducted by Rajagiri College.
Ms. Bitty Sebastian	<ul style="list-style-type: none"> • Attended a 10 days online programme conducted by Vimala College (Autonomous) on the topic “Skills for Next Generation Teaching”.
Mr. Sanjay Sunny	<ul style="list-style-type: none"> • He is reviewer of Journal of Education, Society and Behavioural Science which is an international peer reviewed journal.
Ms. Rosamma Xavier	<ul style="list-style-type: none"> • Attended a National Webinar conducted by Bharata Mata College on the topic “Behavioural Finance – A Prelude”.



Department of Computer Science

Orientation for First Year Students

Departmental orientation programme was conducted for 1st year students and their parents. HoD has given a detailed orientation about the rules and regulations of the department. The faculty members, students and their parents were interacted each other.

Add-on Courses:

- Department offers four add-on courses, Data Visualization, Document Management Software & Octave Programming, Computer Hardware & Networking, and Linux & AWS during the academic year 2020-21.
- As part of the webinar series 'Inspira', department conducted different sessions of webinar on different topics.

Farewell Programme

Department has given a farewell programme for the passed out batch of 2020 on 25-07-2020. All students of 2017-20 batch were attended the programme. Principal, Rev. Dr.Prasant Palackappillil has met them and given the advice to stay safe and improve intellectually.

Interaction with Alumnus

Mr. Unnikrishnan, RJ, Red FM and department alumnus has taken an initiative to interact with students on 30-07-2020. He shared his experiences and career growth with the students. He talked about the passion and the way of identifying it and sticking on it. The students asked to share the memorable experiences in the college.

Seminar Presentation Competition

For developing the interest in research, Department of Computer Science has taken an opportunity to conduct a preliminary level of seminar presentation on 'Computational Data Analytics on Covid10 Pandemic' on 14-08-2020. Dr. Vinu Sherimon, the faculty of dept. of IT, Higher college of Technology, Ministry of Manpower, Sultanate of Oman has chaired and evaluated the presentation. Ten students from BSc CA and BCA were participated. The top winner Mr. Abhishek V Ashok has got the chance to present his paper in the Heartian Science Congress hosted by Sacred Heart College on 19-10-2020.

Onam Celebration

Department organised Onam celebration on 27-08-2020. All 2nd and 3rd year students have participated and displayed their talents regarding the events like 'Onapattu' and 'Thiruvathira'.

CASA Alumni Meet 2020

Department has organised CASA-Alumni Meet 2020 on 05-09-2020. More than 40 students were participated in the programme. Principal, Rev. Dr.Prasant Palackappillil has met the alumni and put forward a request for the technical assistance for department academic activities and technical talk

for the students. Alumni has shared their warm full memories in the campus and assured the technical assistance.

Fresher's Day

Department has organised fresher's day on 30-10- 2020. First year students display their talents on that occasion.

Outreach Programme

Alumni of Dept. of Computer Science of Sacred Heart College, Thevara, have distributed laptops to two deserving students Ms. Aleesha and Ms. Kaviya Prem on Oct. 19, 2020. Principal, Rev. Fr. Dr. Prasant Palackappillil has handed over the laptops. Department HoD, Dr. Regitha Baiju, IQAC coordinator Dr. K M Johnson, alumni representative Mr. Arun Chandran and other faculty members were present on that occasion.

Association Inauguration CASA-2020

The Computer Application Students' Association inauguration for the year 2020-21 was conducted on 25-11-2020 virtually owing to the limitations imposed due to the coronavirus pandemic. It was attended by the faculty members and students of the department of computer science, SH College Thevara along with The Principal and a guest from the industry. The Principal Rev. Dr. Prashant Palackappillil appreciated the department for its vibrant activities and displayed great expectations and optimism regarding the finalized PG course of the department.

Interaction with an Industry Expert

On 11-12-2020, Mr. Joy Sebastian, CEO & Co-founder of Techgentsia software solutions, Cherthala Infopark, the winner of grand Innovation Challenge 2020 by the Central Govt. for developing India's video conference solutions named 'Vconsole' has been interacted with the department students. The session was started from 9.30 and ended at 10.45am.

He motivated the students to focus any one of the programming languages very well and try to do project themselves. He explained about the experiences of the innovation challenge 2020 by the Central Govt. He has given the answer all questions raised by the students and teachers.

Soft Skill Training

Soft Skill training for second year students of BSc CA and BCA students was conducted on 15-12-2020. The 3 hours session was handled by the resource person Mr. Prasidh Prasad. The outcome of the programme was to frame a professional resume for all job titles, confident to attend job interviews, speak confidently during group discussions before final interviews, have a deeper insight about placement processes and sharpen knowledge regarding Employability Skills and Readiness before placement drives.



Paper Presentation

Mr. Abhishek V Ashok, 2nd BSc CA student presented a research paper titled "Predicting when Covid-19 patients shall need Artificial Respiratory Support using Machine Learning" on a National Conference at NIMIT, Pongam on 16-12-2020. He has got good comments from the evaluator.

Five Day International Workshop on Art of Writing a Research Paper

Department of Computer Science has organised 'Five Day International Workshop on Art of Writing a Research Paper' from 4th Jan to 8th Jan, 2021. The objective of this workshop is to introduce the skills and knowledge required to publish scientific research findings in peer reviewed journals. The workshop also focuses on the research tools LaTeX software and Mendeley Reference Manager. The first three days sessions were handled by Dr. Vinu Sherimon, faculty of dept. of IT, Higher college of Technology, Ministry of Manpower, Sultanate of Oman and last two days sessions by Mr. Arun Balakrishnan, Asst. Professor, Department of Electronics, CUSAT. 39 outside participants and 10 department faculty members were attended the sessions. The topics covered in the workshops were structure of a research paper, sections of a research paper, journal finder, LateX software and Mendely reference manager. All sessions were very fruitful and enjoyable. The valedictory session was chaired by Dr. Varghese Paul, PG Professor & Research supervisor of Rajagiri School of Engineering and Technology.

More workshops

SH SACRED HEART COLLEGE (Autonomous), Thevara
DEPARTMENT OF COMPUTER SCIENCE

Department of Computer Science
Organizes
a webinar on
"BITCOIN & BLOCKCHAIN"

Resource Person

Mr. MATHEW JAMES
Solutions Architect, UST Globals, Kochi

21/07/2020 **10:30AM to 11:30AM** Platform: Google meet

CLICK HERE TO REGISTER

Coordinators
Dr. Regitha M R, Head of the Department
Mob: +91 9846150145
Aleena Antony, IIIRD BSc CA, (Student Coordinator)
Mob: +91 7591992635
Vishnu V Menon, IIIRD BSc CA, (Student Coordinator)

Department of Computer Science
Organises

**TWO - DAY WORKSHOP
ON
SERVER SCRIPTING**

Mr. VISHNU C
FULL STACK APPLICATION
DEVELOPER

DATE: 16 & 17 DECEMBER, 2020
PLATFORM: GOOGLE MEET

Program Convener
Santhosh Kumar KP

Student Coordinator
P R Dharmayam Komath KP

SH SACRED HEART COLLEGE (Autonomous)
SACRED HEART COLLEGE, THEVARA

Department of Economics

The reporting year was one of unprecedented challenges to the teachers of the department due to the outbreak of the pandemic. The teaching staff raised to the occasion by learning new techniques, skills, software use and acquiring new equipment. Classes were organized online and maintained regular contact with the student community. In spite of all the difficulties the odd semester was successfully completed and results of BA 6 Semester and MA 3rd semester were brought out in time. Informal online call and video conferencing were made use of to support the students by the teachers and some times the initiative was taken by the students.

Talk On 'Civil Service' As A Career Option For Economics Graduates



"Civil service, A promising Career for Young Graduates"

By Nandini R Nair IRS

Department of economics, Sacred Heart College conducted a talk on "CIVIL SERVICE, A PROMISING CAREER FOR YOUNG GRADUATES" on 17th of October 2020 through online platform. The resource person was Nandini R Nair, IRS, who is currently the Deputy Commissioner, Income tax, Chennai. A proud alumna of our department, Nandini IRS started her talk by sharing her memories of Sacred Heart College and her beloved

teachers. Her exemplary skill in oratory, captivate the students and she asserted the students to dream high. She explained that a career in civil service gives the opportunity to participate in governance and making important policy decisions for the country. Her talk gives a clear understanding of how one should plan their preparation for clearing a three-tier examination like Civil service. She concluded her talk by saying "perseverance is the sin qua non in clearing Civil service, which is considered as India's toughest and probably most sought - after exam".

After her talk, there was an interactive session for half an hour. Students came up with queries and she clarify all the doubts with immense precision. She offers further assistance to the students in future also to clear the examination.



ALUMNI MEET 2020



Department of Economics, Sacred Heart College, successfully conducted 23rd annual general body meeting of economics alumni association, ALUMNI MEET 2020, on 2nd October 2020. The meeting started at 2.30 pm in the afternoon with a prayer. Dr. Madhusudan Nair, Head of the department & the president of Economics Alumni Association, addresses the participants of the meeting and welcome each one of them to the meeting. He recalls his memories of joining the college and beginning his career as a teacher in SH college. Principal Fr. Prashanth Palakkapallil felicitates the meeting with his divine speech. Dr. Sindhu K, secretary of the

Alumni association presented a comprehensive annual report in detail. Thereafter Vinil KV , Treasurer presented a financial analysis report for the year 2020-2021. Subsequently a constructive discussion on financial statement report has taken place. By this the official programs of the meeting came to an end. Hereafter HOD welcomed all the members to share their indelible college memories. Martin K Mathew, Vice president of the alumni association cherished his fond memories of Sacred Heart College and explain the effort he has taken to find out his old batchmates. Nandini IRS, Deputy commissioner, Income tax, Chennai, expressed her gratitude for inviting to the meeting and shared her experiences. Omana, one of the most enthusiastic participants, elaborated her college days memories and talked about her friend. She was the 1983 graduate pass out of the department. Santhosh Shenai sir, one of the senior most member pointed out the importance of strengthening the alumni association. He indicated that a vibrant alumni association can contribute immensely for the productive development of the college. Dr. Hari Kumar, Dean (Faculty of Social Science, CUSAT) also assured all the help for the future programs of department of economics. The meeting ends at 4.30 pm with a vote of thanks by one of the alumnus Varun A S.

Association Inauguration – 2020

Economics department of S H College Thevara held the Association Inauguration on 28th November 2020. Aneish P Rajan IRS was the chief guest of the virtual meeting that was conducted on Cisco Webex. He spoke about the prospects of Indian Civil Service as a career for Economics students. Dr. S Muraleedharan, who was Head of the Department and Associate Professor in Economics, Maharaja's College, Ernakulam and Research Supervisor in Economics in Mahatma Gandhi University, delivered a talk on the topic: Economic Impact of Pandemic - A Historical Perspective. Rev Fr. Prasant Palakkappillil, Principal of the college, was also present for the occasion. Dr. M S Madhusudhanan Nair, HoD of Economics Department, delivered the Presidential Address. The report of the association of 2019-20 was presented by the previous secretary of the association, Sanjay A Kammath. The charge was handed over to the newly elected secretaries - Ann Lopez and Gopikrishnan V Kaimal. The meeting concluded with a cultural program.



Union Budget Analysis

The analysis of union budget was conducted on 04.02.2021 online. The eminent economist Dr. Mary George was the resource person. He explained how to analyse a budget and interacted with the students on issues related to the impact of this years budget on the national economy. The program was attended by a gathering of 200 people.



Exam Results

The valuation of answer sheets of all courses were completed by the department in time and the results of MA third semester and BA 5th semester were published. The department congratulated the Examination Wing for declaring results within a short time.

Research

The Research Department of economics has produced a total of 53 PhDs. In the reporting year 4 research scholars were awarded PhD. Dr. Siby Abraham has published his article "Asset price interrelationship: Real Estate, Gold and Stocks" in the SCMS journal of Indian Management scopus indexed UGC CARE list. Presently 7 research Scholars (3 full time and 4 part time) are doing research in the department.

Student Achievements

- Elsa Maria Jose of Ist Semester BA Economics Secured first prize in cartoonomics competition held by Farook College.
- Anirudh S Bhaskaran of BA 4 semester got All India Best Cadet NCC award from PM Modi.

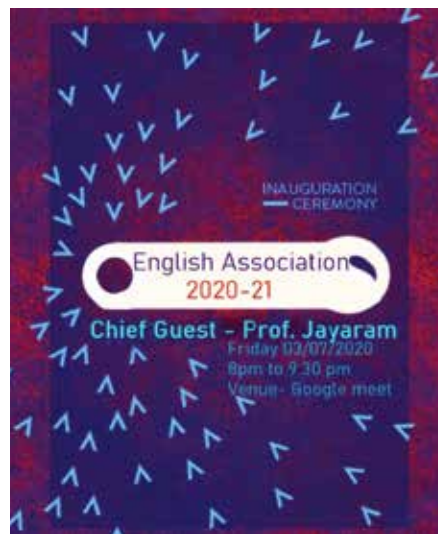


Department of English

It was an eventful academic year for the Department despite the constraints posed by the Covid days. Most of the classes were held in the online mode, making the best use of online platforms like the Moodle. The Department managed to have a smooth sail across the troubled times thanks to the concerted and committed efforts of its faculty. The launching of the self-financing BA English and MA English is a remarkable addition this year.

Student strength

In the UG section, we have seventy-eight students in the aided stream and forty-four in the self-financing stream. In the PG section, the student strength is thirty-two and twenty-eight in the aided and self-financing streams respectively.



Faculty strength

The faculty strength of the Department is sixteen (both aided and unaided combined), of which nine are PhDs and five MPhils. A new member, Ms. Neenu Mary Francis, was added to the aided stream.

Academic Programmes

- The department offers an undergraduate programme, BA English with Copy Editing as a vocational component and a postgraduate programme, MA English Language and Literature.
- The self-financing stream has one UG programme and one PG programme each in English Language and Literature.
- English for Careers is the open course the Department offers and we have an add-on course in Life Skills.
- A thirty-hour course in Content Writing is underway in collaboration with, Hub Words, a Bangalore based content writing group.

Admission

Seat demand ratio for UG admission was 1:98 for UG and 1:21 for PG in the last admission. Entry merit cut off marks was above 94% for UG and 96% for PG.

Specialization

The Department offers specialization in Film Studies and Literary Theory and Cultural Studies.

The Result and student progression

The pass percentage of UG in 2020 is 95.23 and for PG 93.75. Nearly 80% of students move on to higher studies and nearly 10-15% have sought employment opportunities.

Innovations

- Apart from introducing three common courses in the UG syllabus, we have added a new course (Environmental Science and Human Rights) in the UG programme and a new course (Health Humanities and Trauma Narratives) in the PG programme.
- Introduction of OBE, experiential learning and course plan-based teaching-learning are among other innovations.

Student achievement

A radio play, based on a Tolstoy short story, was successfully made and telecast by the PG first year students under the guidance of Fr Dr Joseph Varghese.

Staff Achievement

Dr. Rajesh James, regular faculty in the aided stream, has received Kerala state Award for the Best Documentary film maker for his In Thunder, Lightning and Rain.

Webinars/ Workshops and Invited Talks

DATE	TOPIC	SCHOLAR
4/11/20	Individual, Collectivity and Systemic Challenges	Prof. David Livingstone Smith
11/11/20	The Sovereign and the Posthuman	Prof. R. Radhakrishnan
19/11/20	Nations within Nations	Prof. Lewis R. Gordon
23/11/20	Digital Imperialism	Dr. Michael Kwet
24/01/21	What is Alienation	Prof. Akeel Bilgrami

- **Workshop on Research methodology – (19.02.21)**

- Aspects and Methods of Literary Research, jointly organized by the Dept of English & School of Letters, MG University Resource person: Dr. Rajesh V. Nair

- **Subhi Tresa Sebastian Memorial International Webinar (16 October 2020)**

- Changing Theory: Concepts from the Global South
- Resource person: Prof. Dilip M. Menon

- **Dr. Cheruvelli Endowment Lecture (16-09-2020)**

- Approaches to Performance Text by Dr. C. S. Biju

- **PhD Coursework Lecture Series**

- The Department organised a 45 hours long course work session for the PhD English students of Kerala.

Department Publications

Department publications include Lakeview International Journal of Literature and Arts and Koppee, a sophomore journal.

Faculty publications

- Dr. Rajesh James has co-edited a compiled volume, ***India Retold***, conversations with select Indian film makers.
- ***Renegotiating Spectacle***, a volume of research articles, has been jointly edited by Dr. K. M. Johnson and Dr. Rajesh M.

Prospective Plans

The Department looks forward to successfully launching the following:

- Laccadivian Study Centre
- Translation Study Centre
- Research/Theory Praxis Course
- Regular Methodology Workshops
- Research Journal
- Consultancy
- IELTS, NET training centres
- Finishing School in Content writing
- Publication of more research articles
- Addition of three research guides



Department of Environmental Studies

Webinar

Department conducted a webinar on the occasion of World Food Day sponsored by AFST (I) Cochin Chapter on October 16th, 2020.

WORLD FOOD DAY 16th October 2020
Grow, Nourish, Sustain. Together.

Sacred Heart College
Thevara, Kochi, Kerala,
India
And
Association
of Food scientists &
Technologists (FNTDIA)
Cochin chapter

cordially welcome all to
a webinar being
organized on the occasion of
World Food Day 16th Oct. 2020
10 AM -12.30 PM

Inauguration by
Dr C N Ravisankar, Director,
CIFT,
Willingdon Island,
Cochin, Kerala, India

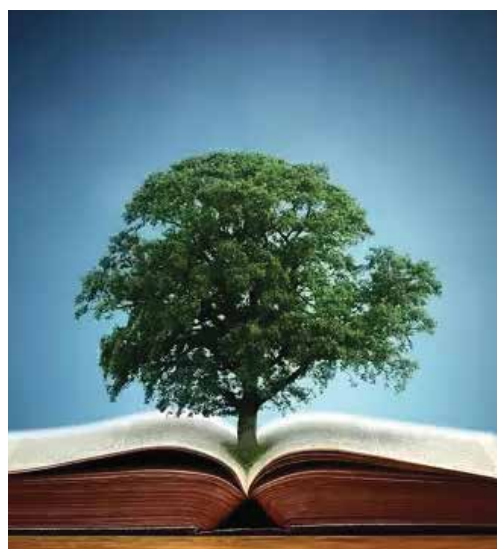
October 16th, 2020
AT 10.00 AM

ORGANIZED BY
THE DEPARTMENT OF
ENVIRONMENTAL STUDIES
IN ASSOCIATION WITH AFST (I)
COCHIN CHAPTER

Rev. Fr. Dr. Prasant
Palackappillil, CMI Principal,
Sacred Heart College,
Thevara, Cochin, Kerala, India

Dr. C.N. Ravisankar,
Director, CIFT,
Willingdon Island,
Cochin, Kerala, India

Dr. Remya R.,
Asst. Professor,
Dept. of Environmental Studies,
Sacred Heart College,
Thevara, Cochin



More Webinars

DEPARTMENT OF ENVIRONMENTAL STUDIES
SACRED HEART COLLEGE, THEVARA,
KOCHI, KERALA, INDIA
IN ASSOCIATION WITH
UNITED NATIONS ENVIRONMENT PROGRAMME (UNEP)
ORGANISES A WEBINAR ON
Nature based Solutions: For Climate Change and Disasters
October 20, 2020
10.30-11.30 AM, IST

Dr. Karen Sudmeier
Rieux

Ms. Devashree
Pillai

Muralee Thummarukudy

Rev. Fr. Dr. Prasant
Palackappillil, CMI

Senior Advisor,
Disaster Risk Reduction
with the UNEP-
Disasters and Conflicts
program, Geneva,
Switzerland.

Project Support, UNEP-
Oil for Development
Partnership, Geneva,
Switzerland.

Operations Manager of
Crisis Management
Branch at UNEP, Geneva,
Switzerland.

Chair of the session,
Principal,
Sacred Heart
College,
Thevara, Cochin,
Kerala, India.

OUR SOLUTIONS ARE IN NATURE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
Sacred Heart College, Thevara
Invites you for a webinar on the topic
"Our Solutions are in Nature"
On the occasion of International Day for
Biological Diversity
May 22, 2020
at
11.00 am
Chief Speakers
Dr. K. Sunilkumar Mohamed
Former Principal Scientist, CMFR, Kochi
Shri. K.K. Raghuraj
Farm Superintendent, KUFOS
Join us for free with pre-registration
Link: <https://forms.gle/tenK2u27rjyJGQGX76>
Contact: 9400820533
Last Date for Registration: 21st May, 2020
Patron:
Rev. Fr. Johnsen X Palackappillil
Coordinators
Dr. James T.J.
Head, Department of Environmental Science
Dr. Remya R., Dr. Arjana N.S., Dr. Anuja S.G.
Faculty, Dept. of Environmental Science



Department of Management

The Department focuses on the holistic development of the students. We disseminate knowledge even beyond the academia. Faith in God and faith in oneself, self-awareness, ethical competency, physical fitness, Emotional Intelligence, Team work, communication skills are some of the attributes we inculcate in our students with the help of activities done in on line sessions. The class hours are not only engaged with the syllabus but we try to inculcate the ethical and human values through our interactions which is a basic necessity for a successful human and to lead a successful profession.

Student Achievements And Awards:

The Department of Management has made countless achievements during this academic year (2019-2020) including the following major highlights:

- Sarah Mary John, Swathy Rejikumar, Arjun P Nair, Allen Dennis participated in Event - Inceptra for Best management team (Rajagiri College of management and applied science, Kakkanad).
- Allen Dennis in KCPL (2019) Sacred Heart College winners - 1st position.
- Namrita Rajesh won 3rd prize in the fashion show in Thirichi. She had proved herself as an Actor- Dakini, Moonwalk, Bheeshma (movies), Series - Masquerade, Model - Vanitha fashion page, Vanitha Queen of Sacred Heart College 2020.
- Arjun P Nair, Event - Meraki 2020, spell bee competition- 1st prize Intercollege Fest conducted by Department of English at Sacred Heart College.
- Rithik, Sagar Peter, Malavika Krishnadas won Inter department dance competition first price for BBA department held by dance team of Sacred Heart College.
- Anna Francis was awarded as Best Intern from Hedge Group this academic year 2019 -2020.
- Unni Madhav won 1st prize - Nadakolsavam 2020 Drama (SH Team), Kalolsavam 2020 - 3rd prize - Skit (SH Team).

Faculty Achievements

- FDP attended on Outcome based Education organized by IPSR Solutions by Dr.Jisna N, Mr.Raghunandan and Mr Athul T Ravi in the month of June 2020.

Mr. Athul T Ravi

- Completed 10 certification courses from Coursera in the year 2020. (Transacting on the Blockchain, Project Management: The Basics for Success, Six Sigma Principles, Financial Markets, Securing Investment Returns in the Long Run, Channel Management and Retailing, Leadership and Emotional Intelligence, Marketing Mix Fundamentals, Introduction to Financial markets, Fundamentals of Management).

Mr. Raghunandhan	<ul style="list-style-type: none"> • Attended Entrepreneurship lying foundation Illinois University (2 months) • Attended an FDP- STRIDE organised by MG University on Entrepreneurship.
Dr. Jisna N	<ul style="list-style-type: none"> • Attended workshop on Rural Entrepreneurship Development Cell (REDC) Action Plan conducted by Mahatma Gandhi National Council of Rural Education, Hyderabad. • Participated one day National Seminar on “Quality Enhancement and Sustenance in Higher Education: Trends, Challenges and way Forward” organized by the Internal Quality Assurance Cell (IQAC) of Bharata Mata College.

Student Orientation

On 17th September, the department offered a “Student Orientation” for newly registered students. The Orientation was scheduled for one week and students were introduced to all faculties and faculties were introduced to them with lot of team activities conducted online in the prevailing COVID situations.

Faculty – Parents Meet

The Department of Management conducted an “Open House” one to one meeting with the parents and students with the faculty members of the department on 27th September for the students to identify and support the academic proficiency of each student.

Another session of Parent meeting was conducted on the last day of January to get the feedback from the teachers and parents.

Department Meeting

The department conducts regular meeting every month. The minutes of the meeting maintained (Soft Copy). Both online and offline meetings was arranged throughout the year for discussing the day to day operation, duties, the activities , the student appraisal etc.

Social Responsibility

- As part of social responsibility, students had voluntarily offered cakes during Christmas celebration as Department contribution to special kids, inmates of a nearby convent in Thevara.
- Two of our faculty members along with some students contributed for paddy cultivation initiated by the Management as part of village adoption.
- The Department had shown interest to contribute to the village adoption by the college (Mulanthurthy Village).The student Development officer had promised to get an appointment with the Panchayat president in the coming week. Expecting a positive response to involve in this regard.

Social Service

Even during this pandemic, majority of our third year students had completed 40 hours of social work and remaining will be completing before 20th March 2020.

Internship

30 Days of Internship was completed (offline) in the month of December 2020. A detail report along with the certificate was submitted by the students to their respective class teacher. Six students had not reported till date. Follow up done by class teacher. No response.

Mentoring

A formal mentoring program is structured, offered one to one relationship for each class. The teacher- student ratio is 1:20. The Mentees are given moral support by their respective mentors throughout the semester. The mentoring session is completed for two classes. The third year student will be given a mentoring session offline in the month of March when they come offline to the college.

Remedial Class

Remedial offline sessions was given by all faculty members for problem papers in the supplementary exams conducted. The students volunteered for offline class and sessions was arranged with prior approval .

Workshops/ Seminars

The Department of Management students had participated in number of workshop and Webinars conducted in different colleges. Some of them are Webinar on Campus to Corporate, The Importance of Cinema for Future managers, Entrepreneurship Development, National Road Safety Month - Suraksha, The Agrarian Distress in India & the Way forward, Career Awareness and takeaway for youngsters from the Union Budget 2021.



Virtual Celebrations

Virtual Onam Celebrations by the students on 27th August 2020, During the pandemic situation all the students stayed at home and participated in a virtual Onam celebrations with cultural programme, cookery show, pookalam and sadya.

The Department conducted Onam celebration in a grand and traditional manner. The students arranged Onam feast in connection with the celebrations. Competitions were conducted in the college. The Department has also celebrated the Teachers & International Students Day in the year 2020.



$$\begin{cases} x_1 + x_2 - 3x_3 = -10 \\ 6x_2 - 2x_3 + x_4 = 7 \end{cases}$$

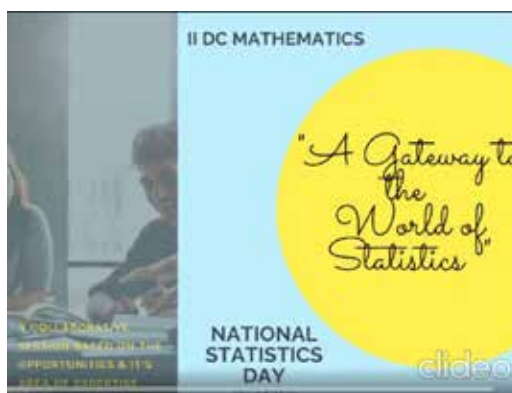
Department of Mathematics

As the Corona virus pandemic spreads, self isolation or quarantine is one of the key strategies in 'flattening the curve' of infection rates. Even in the midst of such global prevalent, the young minds still continued to travel the world of creativity and conveyed their messages and work through online platform. A video was made showcases the lockdown activities done by the students of II DC Maths of Sacred Heart College, Thevara. It includes vegetation growth, entrepreneurship activities, cooking etc. The video presentation was released on 29th May 2020 and was posted on the facebook page of Sacred Heart College, Thevara.



Statistics Day - 2020

June 29th is celebrated as National Statistics Day in commemoration of the great statistician Prof. Prasanta Chandra Mahalanobis. This year, due to the corona virus outbreak, the students of II DC Maths made a video presentation from their homes on the importance of Statistics in many fields such as career, medical, weather, ministry etc. The video was released on 29th June 2020 and was officially posted on the facebook page of Sacred Heart College, Thevara.



Onamline - 2020

The Onam celebration (Onamline - 2020) of the Department of Mathematics was inaugurated on 30th August 2020 at 11:00 am. The event was conducted through a Google meet platform due to the outbreak of corona virus. The ceremony was welcomed by the student coordinators Ms. Hiba Thasnim & Ms. Stemy K. F. (II DC Maths). The official inauguration was done by the Head of the Department of Mathematics, Prof. M. P. Sebastian. The celebration constituted many cultural events (like dance, instrumental music, photo shoot, song etc) provided by the UG & PG students of the mathematics department which were presented during the live session. The students of II DC Maths arranged a lot of colorful competitions & games such as tongue twister etc which was equally participated by the teachers and the students. An interactive session was held for the teachers sharing their experience based on Onam. The winners of the competitions conducted were announced and congratulated. The ceremony was concluded after delivering a vote of thanks by the Association Secretary, Ms. Hanna Maryam.



Webinar

The Department of Mathematics & Statistics organized a webinar on Statistical computing and Data science which took place for three days. The webinars conducted were very enriching and gave the opportunity to learn many concepts and application in the field of statistics. It was carried out to provide insight and understanding regarding the key concepts and to discuss the practical steps in planning and conducting research activities as well as giving due importance to the career options.





Department of Physical Education

Due to the pandemic condition the inter-collegiate, inter university competitions have not started yet for the year 2020-2021. We have planned to field 13 men and 7 women teams in MG University intercollegiate tournaments. 45 students opted for Physical Education as open course and achieved 100% of pass. A new handball court (fenced) has been constructed. As a part of FIT India programme launched by our PM, construction of an open gym at the Lakeview ground is going on and is meant for the general public and students. Kiran George of B.Com CA and Fathima Abdeen of B.A. English were selected as outstanding sportsman and sportswoman respectively for the year 2020-2021.

Details of players who represented the state during this COVID pandemic are listed below :

List of players represented State 2020-2021

1.	Goutham Mohan	Cricket	State	BCom Tax Aided
2.	Jose S Perayil	Cricket	State	MA Sociology
3.	Febin Albert	Cricket	State	MA Economics
4.	Jaseer CN	Cricket	State	BBA
5.	Bhavana Menon	Table Tennis	State	BCom Tax Aided
6.	Albin Baby	Volleyball	State	MA Sociology
7.	Anish Gigi	Handball	State	BA Economics
8.	Aswathy JS	Softball	State	BSc Zoology
9.	Anjali Venu	Handball	State	MA Sociology
10.	Dilna George	Handball	State	MA Sociology
11.	Alphonsa Biju	Handball	State	BA English
12.	Hridya Rose	Handball	State	BA Sociology
13.	Archana Venu	Handball	State	BA Sociology
14.	Ardra ATV	Handball	State	BA Economics

Programmes conducted

- Department has conducted online webinar of Yoga session in association with Isha foundation for our students and staff.
- Exhibition cricket match between our teachers and celebrities of Malayalam film industry.

Programmes scheduled

- Fr Bartholomew intercollegiate tournaments scheduled from 9th to 12th April 2021.
- Inter department games scheduled from 23rd March 2021.



Department of Physics

Onam Celebration

On 03/ 09/2020, a colorful and memorable Online Onam Celebration - MASKONAM'20 was organized by SPARK – Sacred Heart Physics Association for Recreation & Kaizen and 2 DC Physics students for the association members on 3rd September 2020 at 5.00 pm via Google Meet platform. We were honoured to have Captain (IN) Sunil Sankar as the Guest of honour. The programme started by invoking the blessings of God Almighty with a prayer song. It was followed by the welcome address by Dr. Siby Mathew, Head Of Department, Physics. Rev. Dr. Prasant Palackappillil, Principal, SHC, blessed the occasion with his presence and words. Captain (IN) Sunil Sankar shared his Onam experiences and praised the association in organizing an online celebration despite the hardships offered by the pandemic. The vibrant cultural session commenced at 5:30 PM. It included a 10 minute video presentation by each UG and PG batch. Everyone sat glued to the presentation. The programme was made energetic and more lively by many games.

Teachers Day Celebration

Teacher's day is celebrated on 5th September every year throughout the country to pay tribute to all the teachers who inspire, enlighten and guide the students to walk in the path of light. SPARK conducted a teachers day celebration - GRATIDAO held on 5th September 2020 at 3:15 pm via Google Meet. 2 PG students led the program. The program started with the grace of God followed by a warm welcome by Jose Vince, 2 PG class representative. A short video which symbolizes the pass down of the light of knowledge from our dear teachers to the students, created by 2 DC students were presented during the programme. It was followed by the handover of personalized greeting card to all the faculties. Dr. Siby Mathew, HOD, Physics department delivered the Presidential Address. Dr. Prashant Palakkappillil, Principle, Sacred Heart College blessed the program with his presence. A short tribute song video by the 2nd DC Physics was presented in the program. After that Dr Siby Mathew took in-charge of the program. Many Alumini of the department were also present at the meeting. The Alumini introduced their lectures and shared their experiences. It was more or less like a live interaction about the past life of various lectures.

Spark Inauguration

The inaugural function of SH Physics Association for Recreation and Kaizen (SPARK) was held on 12th November 2020 at 3:00 pm via Google Meet. We were blessed to have as the Guest of Honour, Dr. N. Harish Kumar, Professor, Department of Physics, IIT Madras. In spite of his busy schedule, Fr. Prasant Palkkappillil, our Principal, blessed the occasion with his presence and valuable words. It was followed by the presentation of the report of the activities of the Association for the year 2019-20 by Dona Lal. The activities of the Association for the year was declared inaugurated by Dr. N. Harish Kumar followed by his inaugural talk, the topic of discussion being – "The Journey from Electronics to Spintronics". The 80 minutes session was very informative and was indeed an eye

opener. An interactive session with Dr. N. Harish Kumar was held after the talk, in which students were able to rectify their doubts and gain a proper understanding of the topic. Blesson Biju, Student Representative, conveyed his gratitude on behalf of everyone towards Dr. N. Harish Kumar for his enlightening words

Freshers Day

Freshers day 2020 'Welcome To Ooty Nice To Meet You' held on 14/11/2020 at 3 pm via Google Meet. The program was initiated with a prayer song. The faculties and the students were welcomed by the secretary of SPARK(SH Physics Association for Recreation and Kaizen) Amin Shaji. After that Dr Siby Mathew- Head of Physics department delivered the presidential address where he once again welcomed the first years to the family of Physics. The official meeting ended up with the presidential address and the function entered into the real ice breaking section.

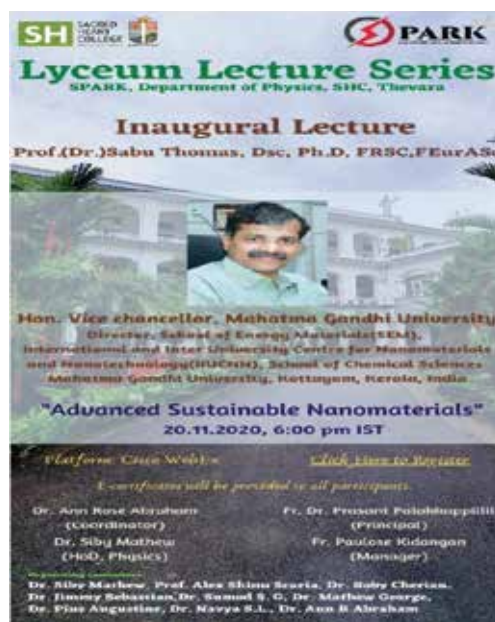
Spark Logo Competition

The logo competition for SPARK held on 15 November 2020. Many participated in the competition among which the logo designed by Johan James of 2nd DC Physics was selected as the official logo. He was also given the prize for designing such elegant logo within a short period of time.



LYCEUM LECTURE SERIES

The inaugural function of Lyceum Lecture Series, organized by the Department of Physics, Sacred Heart College, Thevara, was held on 20th November 2020 at 6.00 pm via Google Meet. We had Prof.(Dr). Sabu Thomas, Hon. Vice Chancellor, Mahatma Gandhi University to preside over the function. Dr. Siby Mathew, Head, Department of Physics, welcomed the gathering followed by the principal address by Rev. Fr. Prasant Palakkappallil, Principal, SH College. Prof. Ann Rose, faculty member, introduced the guest speaker, Prof. Sabu Thomas to the faculty and students. The Lyceum Lecture Series was declared inaugurated by Prof. Sabu Thomas followed by his inaugural talk, the topic of discussion being – “Advanced Sustainable Nanomaterials”. It was a very informative talk. An interactive session followed, where students were able to clarify their doubts. The brochure for this programme was selected by conducting a competition in which Gracemol Victor and Ankith V A of 2nd DC Physics and Amala Rose Augustine of 3rd DC Physics was selected as the winner. They were also awarded prizes as well. Dr. Pius Augustine, faculty In-charge and coordinator, SPARK proposed the vote of thanks.



Christmas Celebration

This year as a part of Association activities, Christmas celebration was held on 24th December 2020 at 2.00 pm via Google Meet. Dr. Siby Mathew, Head, Department of Physics, welcomed the gathering followed by Dr. Pius Augustine, Coordinator and Faculty in charge, SPARK, delivering Christmas regards. Faculty members Dr. Jimmy Sebastian, Dr. Mathew George, Dr. Sumod S.G., Dr. Roby Cherian also shared their Christmas message. The cultural session included Christmas carols, dance and games. Gracemol Victor of 2nd DC Physics, delivered the vote of thanks and the gathering was officially dispersed at 3.00 pm.

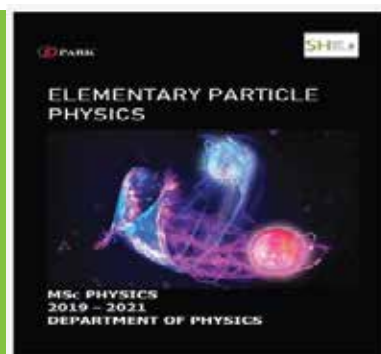
NATIONAL SCIENCE DAY

Sacred Heart Physics Association for Recreation & Kaizen (SPARK) celebrated National Science day on 28.02.2021. Topic for NSD 2021 was "Future Of STI: Impacts On Education, Skills, And Work".

An Interaction with Researchers from various research labs across the globe was organized. They shared their views & research to motivate the vibrant & budding scientist of Sacred Heart college. Vrinda Narayanan P currently doing research on : Electronic transport properties of 2D materials & hybrid heterostructure at IISER, Pune. Anitta Rose Thomas working on multidimensional spectroscopy of charge separation process in natural light harvesting complexes at Carl Von Ossietzky University, Oldenburg, Germany, Stephy Vincent research scholar in the Institute of photonic sciences, Spain doing research on Solution processed colloidal quantum dot infrared light emitters, Merin Jose research scholar in IIT Madras in the Department of Physics working on experimental Soft Condensed Matter Physics Group, Deepthi Mariya researching on electron collisions with atoms & molecules at max Planck institute of Nuclear Physics, Germany, Ann Rose Abraham Asst. Professor, Sacred Heart college, Thevara were the main focus of attraction. The program in which Prof. Alex shinu Scaria, senior faculty of Physics department presided the meeting, in which Fr. Dr. Prasant Palackappillil (Principal), Sacred Heart College Thevara delivered the keynote address.

Book Release

A book on "Elementary Particles of Physics" prepared by 2nd year MSc Physics students was released on the occasion by the Principal. He congratulated the student authors and the teacher in charge Dr. Pius Augustine for making it possible and commendable science day activity.



Dean of Science Dr. Jinu George felicitated the gathering and encouraged students to take up scientific research in higher studies. Mr. Kiran John U, Research Scholar in the Physics department was congratulated for receiving the prestigious DST student award "AWSAR" (Augmenting Writing Skills for Articulating Research). The virtuous event ended at 5:00 pm with a patriotic song and the Physics association – SPARK of SH college Thevara has once again proved their interest in moulding students by conducting such programs.

Physics Alumni Association of Sacred Heart (PAASH)

Activity report 2020–21

Online Executive PAASH Board meeting was held on 25th August 2020

1st Online Executive Physics Alumni Meeting started at 7pm via Google meet. All members attended the meeting and the recordings were uploaded in Youtube.

Online Council Board Meeting on Sept 1st 2020

1st Online Council Alumni Meet - Each passout batch representation member is part of the Council group. All Faculty of Physics - present and former are also part of the council. 55 Council members attended the. Meeting was held on Sept 1st 2020 over Cisco Webex . The Meeting was recorded and uploaded in Youtube.

PAASH logo

Official PAASH logo was released on Nov22, 2020. PAASH logo was designed by Department Alumni Coordinator Dr. Roby Cherian.



CONFLUENCE Series

CONFLUENCE means junction of two rivers, or a process of merging. Here, Alumni give students an insight on job opportunities available for the graduates. One will be able to gain insight on the job market as viewed from the perspective of someone who has undergone what you are thinking of going through. This is a great way to see if the career path you are planning to take after graduation will be available to you and to what degree the availability will be. In fact, getting to know alumni is a great way of networking especially if they are taking the career path that you are interested in.



INITIUM Series

It is an initiative of Department of Physics, Sacred Heart College, Thevara. The series is designed for the post graduate students in Physics. The Initium series first speaker was -Dr N Shaji, Adjunct Faculty, Department of Physics, CUSAT. The talk was on the topic "An Introduction to the Foundations of Classical Mechanics". The webinar was held on 15 December 2020 at 15:00 Hrs. MsNavya S L and Dr. Ann Rose Abraham were the coordinators of the event.

Department of Psychology

The department takes great initiative to cater to the needs of the students for their holistic development. The students were encouraged to attend various webinars to enhance their knowledge and equip them with many skills.



Webinar

The department organized a webinar on 10th October 2020 on the topic "Saniti-zing the Mind: Anchoring Lives in the Pandemic World". The resource person for the day was Dr. Chandrashekharan Nair. Dr. Nair, the founder of the Nair's Hospital, started his medical career from the prestigious Kottayam Medical College, Kerala in 1972 & continued to pursue his senior internship at the world-renowned Christian Medical College, Vellore before joining the National Institute of Mental Health & Neurosciences (NIMHANS), Bangalore for his post-graduation (MD) in Psychiatry. He has done a pioneering research study on 'Biological Parameters of Depression' and was associated with the Biotechnology Department of Cochin University on its research on neurotransmitters. Dr. Nair was also associated with the Study on Genetic Aspects of Drug Metabolism in Schizophrenia conducted by Rajiv Gandhi Centre of Biotechnology, Thiruvananthapuram. Among the voluntary works undertaken by Dr. Nair, the free professional support he has been offering since 1994 to the abandoned mentally sick persons at the Rehabilitation Settlement, Palluruthy, Kochi has received wide acknowledgment. Ninety participants attended the programme.

Students also actively participated in webinars conducted by other colleges as well. The following are the details of the webinars attended:

Sl.No.	Students Participated	Date	Topic	Details of the webinar
1	Fathima Thasneem K.M Anagha Rajeshkumar Diya Mariam Aleena Helen J Gourinanda T S Siyana Sakeer	17.10.2020	Marine Psychology – An emerging field of psychologists	Union Christian College, Aluva, Kerala
2	Gourinanda T S Fathima Thasneem K.M	26.09.2020	How prospective is Forensic for Science graduates?	Union Christian College, Aluva, Kerala
3	Gourinanda T S Devu P Namitha M Sneha Santhosh	23.09.2020	Neuropsychology of Happiness	
4	Gourinanda T S	11.10.2020	Psycho-vaccine Covid	Department of Psychology, Rajagiri College of Social Sciences

Our students have enthusiastically participated in various competitions hosted by our college and other colleges. BBA Department, SH College (East Campus) conducted an event called “Turncoat” on 2nd October 2020 and two of our students, Amreen Shoukkath and Haya Gafoor bagged third prize on behalf of our department. In addition, students participated in an event called “Splendore 2020” hosted by Rajagiri College of Social Sciences from 28th October to 17th November 2020. Chinmaya Vishwavidyapeeth organised an Inter-collegiate Fest on 12th and 13th March 2021. Students took part in Sleuth’s Labyrinth and in Great Wall (planking competition).





Department of Sociology

Webinar

The departmental activities of the year 2020-2021 had a flying start with two webinars initiated by the PG students titled PARTSARA advocating sustainability and adopting Eco friendly life style.

The second webinar addressing the development induced displacement as part of the Athirapilly Hydel project. S P Ravi, the Director of River Research Centre who was the key note speaker.

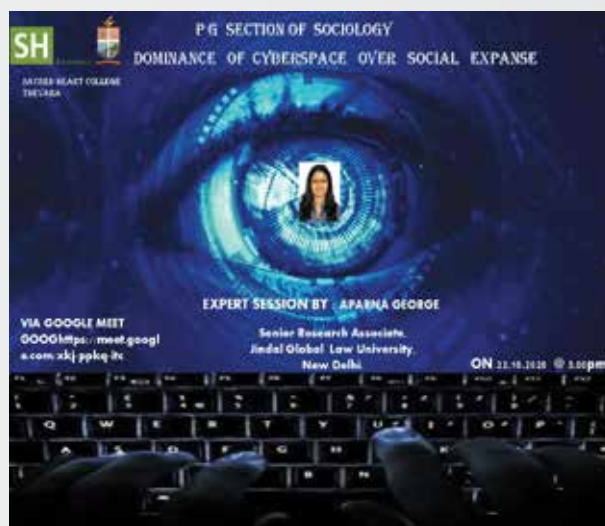


Freshers Day

The fresher's day for welcoming both the UG and PG students was organised by the department with wholehearted participation from the students. The event helps to build a healthy rapport among the students and teachers. The bridge course for the I DC Students of the 2020 batch commenced on 24-09-2020, and is aimed at familiarising the newly admitted students with the discipline of sociology and its scope and subject matter and also helps to mend knowledge gaps of students from other streams who are not familiar with sociology and help them start afresh with equal footing with other students. The session was led by Sanjose A Thomas former guest faculty of the department of sociology.

Webinar

A plethora of talks and webinars were conducted by the department on various contemporary issues that demands immediate attention. Like "Dominance of Cyber space over the social expanse", the Resource person was Ms. Aparna George, Senior Research Associate, Jindal Law University, New Delhi. Her expertise on the topic focused mainly on the existential threat triggered by the cyber world and the glitches associated with the ascendancy of cyber space in present-day society.





Debate

An inter- batch debate on the topic 'Is Caste Politics the Cause of Violence Against Women in India' was organized. The event witnessed dynamic participation from the students and the burning issues of caste based violence, bigotry and systemic oppression was deliberated upon, and the social realities of India was illustrated through prolific interaction by the students.

Lecture Series

A three day interdisciplinary lecture series was conducted by the dept in association with the Dept of Journalism of SH College delving into the socio political milieu of Contemporary India and on narratives of Nationalism, Democracy and secularism.



Gandhi Jayanthi Celebrations

The first year students of the department of sociology organized (online) the Gandhi Jayanthi day celebrations on 2nd October 2020 in honour of the Father of our nation. The event was enriched by a video presentation on 'Gandhiji's role on building India' was created and presented by the students. Heartfelt messages were conveyed by students and faculty and emphasized the need for the youth of India in pursuing Gandhian values for the maintenance of nation's integrity and unity.

Association inauguration

The activities of the Association of Sociology for the academic year 2020-21 were flagged off, with much rigour and enthusiasm. The official inauguration was held on 2nd of Nov 2020. The chief guest for the day was Dr. Aju K Narayanan, a social activist, professor and film director who delved into the history and the changing narrative of language and how it shapes our social realities. The session was truly enlightening and enriching. The association inauguration was followed by Kerala Piravi day celebrations. Various programs including, Quiz competition, Malayali Manga, Kerala Sreeman competitions, cultural programs were held.

Orientation Training session

Prof.Sibi K I Head of the Dept conducted an Orientation Training for the new NSS Volunteers of Rajagiri Viswajyothy College, Al - Ameen College, Sacred heart Plus two along with our own college. The training was aimed at inculcating the values endorsed by NSS and upholding their motto along with gaining an understanding of its historical formation and development.

KURUTHI

The long awaited Dept. Magazine 'KURUTHI' was released formally by Rev. Dr.Prasanth Palakkappillil on 21-12-2020. The art and literary talents of the students was lauded by the Principal and congratulated the students on the commendable quality and great readability of the magazine. An interactive Session on Current Social Realities was conducted as part of the launch. The well-known Social activist Sri. Maithrayen was the resource person. Dr.Prasanth Palakkappillil presided over the function. Changing values and views of the younger generation on various facets of life was discussed in a creative and convincing way. A Webinar on 'Research project in Sociology' was conducted, with a detailed illustration of the various steps involved in the Project work and to inculcate scientific temperament, academic inquisitive in students so as to successfully pursue research. Onam and Christmas celebration was conducted with much aplomb. All the students participated with glee and vigour making the celebration and joyous experience to remember.



National Online Lecture

Students from our department and Prof. Sibi K I also participated in the National Online Lecture on Indian sociology and the Legacy of M N Sreenivas. The programme was organised by Centre for Rural Management, Kottayam. Prof. Joseph Tharamangalam, an internationally well known Sociologist,

who holds the Ayyankali Chair at M G University chaired the sessions and highlighted the contributions of M N Sreenivas in the development and enrichment of sociology in India. The participants could get a clear picture about the academic and intellectual efforts of the pioneering sociologists in bringing Indian sociology at the World level.

Orientation Talk

The first year BA sociology students were given an orientation talk on their First End Semester Examination by Prof. Sibi K I, HoD. The session was helpful for the students to face the exam with confidence and without stress.

Annual international conference

The Kerala Sociological Society Annual international conference was conducted on three days online and our department hosted the online sessions on 19-02-2021. The main theme was Sociological insights on the new normal during Covid 19. Prof. Sibi K I, Associate Professor and the Head of the dept. is retiring on 31st March after 25 years of meritorious service.

Seminar

- The Fr. Abraham Kallarackal seminar was organized by the department of sociology on 17-03-2021. The theme of the seminar was "Pandemic Crisis and the State".
- The seminar was chaired by renowned writer & renowned historian, prolific writer & Professor of History in School of social sciences MG University, Dr. P Sanal Mohan.
- The session commenced at 11 AM. Prof Jeet Kurian, Staff secretary welcomed the gathering.
- The seminar was inaugurated by Rev. Dr. Prasanth Pallackapillil (Principal). Prof P Sanal Mohan delved into the unprecedented crisis ushered in by the pandemic and its socio political implications and role of state in addressing the crisis.
- The session was followed by an interactive session where the participants had an opportunity to converse and discuss with Prof. Sanal.
- Over 200 students participated in the seminar.
- Prof Benny Varghese (HoD) delivered the vote of thanks.

Higher Education Webinar

The department of sociology conducted a higher education orientation webinar titled HIGHER EDUCATION: PROSPECTS AND OPPORTUNITIES in association with Cadauz educational consultancy on 9-03-2021. The webinar aimed at providing insights into the prospects of overseas education to the aspiring students who wish to pursue higher studies abroad. The resource person for the day was Mr. Jithin Nambiar educational consultant of Cadauz .Prof Sibi K I rendered the welcome speech. There were over 30 student participants. The session was very interactive and students freely raised their concerns and queries which were clarified by Mr. Jithin. The session came to end at 5PM.



Department of Zoology

The department strengthened its teaching-learning activities through the integration of add on-courses in fish breeding and medical coding, group activities on animal rearing, study trips etc

New Faculty

Rev. Dr. Jobi M. J CMI and Sr. Dr. Divya CMC joined this year, strengthening the department's teaching and research.

Research

- Two major projects are currently underway with a cumulative total outlay of 1.2 crores
- The Division of Arachnology published twelve research papers in international research journals.

Ph.D. awarded

3 Research scholars from the department were awarded their Ph.D. this year.

Faculty Achievements

Dr. Mathew M. J.	<ul style="list-style-type: none"> • Delivered a talk on Spider Diversity in the one-week National webinar series, organized by the Primrose Nature club and Botany Association in connection with the wild life week celebrations from 2-8 October 2020. • Resource person in the Spider Taxonomy Workshop in Devamatha College, Kuravilangad on 23 February 2021. • Underwent faculty development programmes.
Mrs. Raagam P.M.	<ul style="list-style-type: none"> • Honoured as one of the best NSS programme officers in M.G. University. • Underwent faculty development programmes.
Dr. Fr. Jobi M J	<ul style="list-style-type: none"> • Delivered a talk on spider webs in a webinar series conducted by an Indian nature club • Underwent an Orientation Programme for teachers in higher education conducted by teaching learning centre, Ramanujan college from 10 December 2020 to 08 January 2021.
Sr. Dr. Divya Sebastian	<ul style="list-style-type: none"> • Invited to talk on 'Cancer and Lifestyle Diseases' organised by NSS unit of St. Josephs Higher Secondary School in connection with Cancer Day awareness programme.
Mr. Jobin C. Tharian, Dr. Moncey Vincent, Dr. Smitha S	<ul style="list-style-type: none"> • Underwent faculty development programmes.

Student Achievements

- The pass percentage of B.Sc. examination (2019-20 batch) stood at 97.62% with 1 'O', 17 'A+' and 8 'A' grades. Out of the 42 passed out students, 34 students secured admission for higher studies in various institutes of national reputation. Among them, Elvina S. Philip secured admission in University of Göttingen, Germany and Andrea Teslin joined Sheffield University, UK for their higher studies.
- The M.Sc. pass percentage was 100 with 5 'A+' and 3 'A' grades. Feba Susan Varghese cleared NET in Life Sciences and joined Marthoma College Thiruvalla as Assistant Professor (Guest faculty). Two students joined for B.Ed. and the rest are preparing for NET/GATE/PSC examinations.

Activities organized by the Department

Tiger Day Celebrations

The department organized an online Quiz program as part of National Tiger Day Celebrations on 29-July-2020. Of the 22 participants registered from various departments of the Sacred Heart College 4 individuals were selected through a preliminary quiz round. Muhammed Afeef and Malavika Praveen of 3rd Semester BSc Zoology won the first and second prize, respectively in the Final Quiz.



International Webinar

The department, in association with the Dept. of Zoology of Holy Cross College, Agartala, organised an international webinar on the topic "Covid 19 and Other Zoonotic Diseases: Some Ecological and Ethical Issues" under the Ek Bharat Shreshtha Bharat initiative. Dr. Abhik Gupta, Pro-Vice Chancellor, Assam University, was the resource person.



National Webinar

As part of extending the borders of knowledge, the Department organized a webinar on contemporary health issues in the Covid-19 unlock period, on 17-September 2020. A highly informative talk with the title “Heart Attacks During Covid Times” was given by Dr. Rakesh Gopal, Senior Consultant, Apollo Hospitals, Chennai.

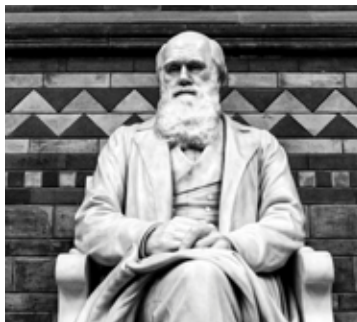


Zoology Association Inauguration and Kerala Piravi Dinaghosham

The activities of the Zoology Association was formally inaugurated on 2nd November 2020 by eminent scientist and orator, Dr. Shaji C. P. with a vibrant talk on the ‘History of Natural History studies in Kerala’. As part was given by. As part of the event, video presentations made by both UG and PG students in relation with Keralappiravi were also exhibited.

Freshers Day

Welcoming First Year B. Sc Zoology Students to the academic community was organized by the second year B. Sc students on 23 November 2020. First Year M. Sc Zoology students were welcomed by Second Year M. Sc Zoology students on 16-December 2020.



Darwin Day Celebrations

The first year PG students of the department organized the DARWIN DAY celebrations to commemorate the birthday of Charles Darwin on 12th February 2021. They showcased Charles Darwin's contributions to science through a video presentation.

Dr Pothalil Antony Sebastian Young Scientists' Award (Senior & Junior)

In honour of the mark Dr. Sebastian has made in the field of Arachnology, his family has established two awards one junior and senior and it will serve as an inspiration for years to come. The Young Scientists Award (Senior) is granted to the most outstanding biologist scientist in state of Kerala. The Young Scientists Award (Junior) shall be given away to the post graduate student of the faculty of Sciences at Sacred Heart College. The Young Scientists Award (Senior) carries a certificate and a cash prize of Rs.10,000 (Rupees Ten Thousand Only) while The Young Scientists Award (Junior) carries a certificate as well as a cash prize of Rs. 5000 (Rupees Five Thousand Only).

National Science Day Celebrations – ILLUMINATO

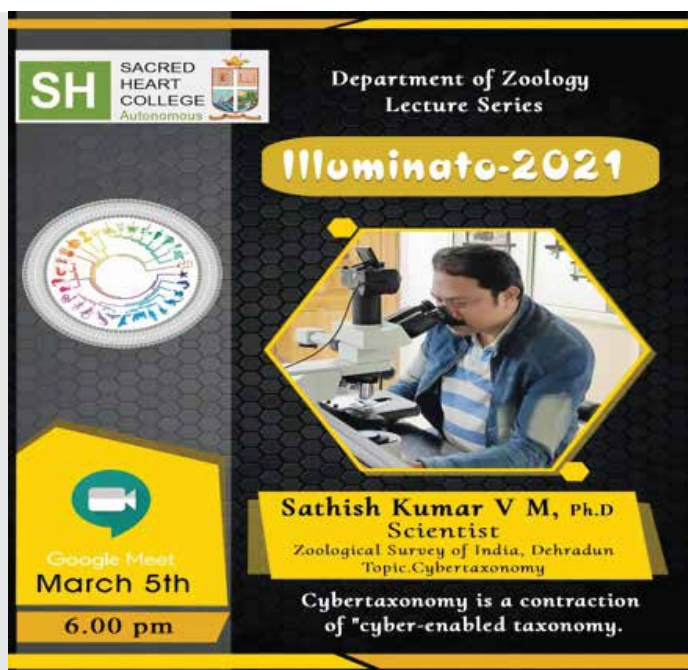


Interactive Session With Budding Scientists

In connection with National Science Day celebrations, an online interactive session with budding scientists among Zoology Alumni was organized on 3rd March 2021. Students had a lively interaction with Deena Rose Joseph (pursuing Ph.D. in Neuroscience at Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore), Akshay Das (Ph.D. student at VSR Lab, Indian Institute of Science Education and Research (IISER, Thiruvananthapuram), Abhijith R.S. (JRF All India Rank 3) & Shilpa K.R. (Ph.D. student, CATE Irinjalakuda) about their personal experiences on the way to success.

Lecture

As part of the science day celebrations, an online lecture series named ILLUMINATO was also started. The first lecture in this series was delivered on the topic 'Cyber Taxonomy' on 5th March 2021 by Dr. Sathish Kumar V.M., Scientist, Zoological Survey of India, Dehradun.



Obituary

Our beloved former professor Dr. P.A Sebastian who served the department for 23 years passed away on 12th January 2021. He was the founder of the Arachnology Research Division.

Programmes conducted

PG and UG Induction cum Bridge Courses were held on the month of September. Apart from international Webinars, Department of Animation and Visual effects conducted the Animation workshop – COCOON-2020 Series – 6 from 14/11/2020 to 27/11/2020 by TWIST DIGITAL MEDIA, TRIVANDRUM (14 days) . Cocoon is our Animation Internship program offered to students of Semester 6 of BA Animation and Graphic design and Semester 4 of MA Digital Animation.

Department of Cinema and Television conducted workshops on acting, sound recording, dubbing, mixing, camera and lighting. Department signed MoU with Vancouver Film School – to work in partnership to foster and encourage cooperation in education, research and cultural exchange.



Journalism Club Inauguration

The Journalism Club Inauguration was held on 19-11-2019 by Journalist Manoj K Das, Editor Matrubhumi. Principal Rev. Fr Prashant Palackappillil, Director Babu Joseph, Head of the department Shanthi Mathai, Faculty Coordinator Sujith Narayanan spoke in the event.

Department of Communication & Journalism

- Students of MCJ (4th Sem) had the tremendous opportunity to handle the election desk of Asianet News. They had to handle the live updates of polling results announced during the Local Body Election 2020.
- Students of MCJ worked with the Media Cell of IIFK at 25th IFFK for Kochi 2021 Media Cell internship.
- Department of Journalism conducted two lecture series for the UG and PG students.

Online discussion

An Online discussion with Parvathy Thiruvothu was set for “International Day for the Elimination of Violence against Women” Sacred Heart College in Association with Women in Cinema Collective. Faculty member Praveen Abraham of SHSC conducted the conversation.





Inauguration

The inauguration of Public relation council of India (PRCI) and Young Communicators Club (YCC) Chapter was held on 17th March 2021.

Mr.Vinod Mathew Jacob, Editor, The New Indian Express was the speaker at the event.

Student Achievements

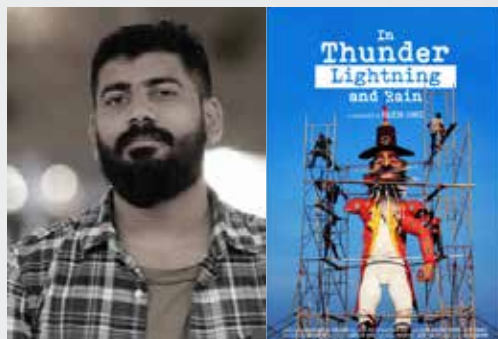
Best Editing Award

Mursal Asisi (student from Afghanistan), MADGA (2018-20) - Best Editing Award in National category for the Documentary, Chinnamma the Story of a Woman Hidden Under Water at Herat International Women's Film Festival (HIWFF) held at Kabul (December 2020)



Best Documentary Cameraman

Jibin Jose (MACTV 2013-15) won the Kerala State Government Award for Best Documentary Cameraman for the year 2019.



Overview

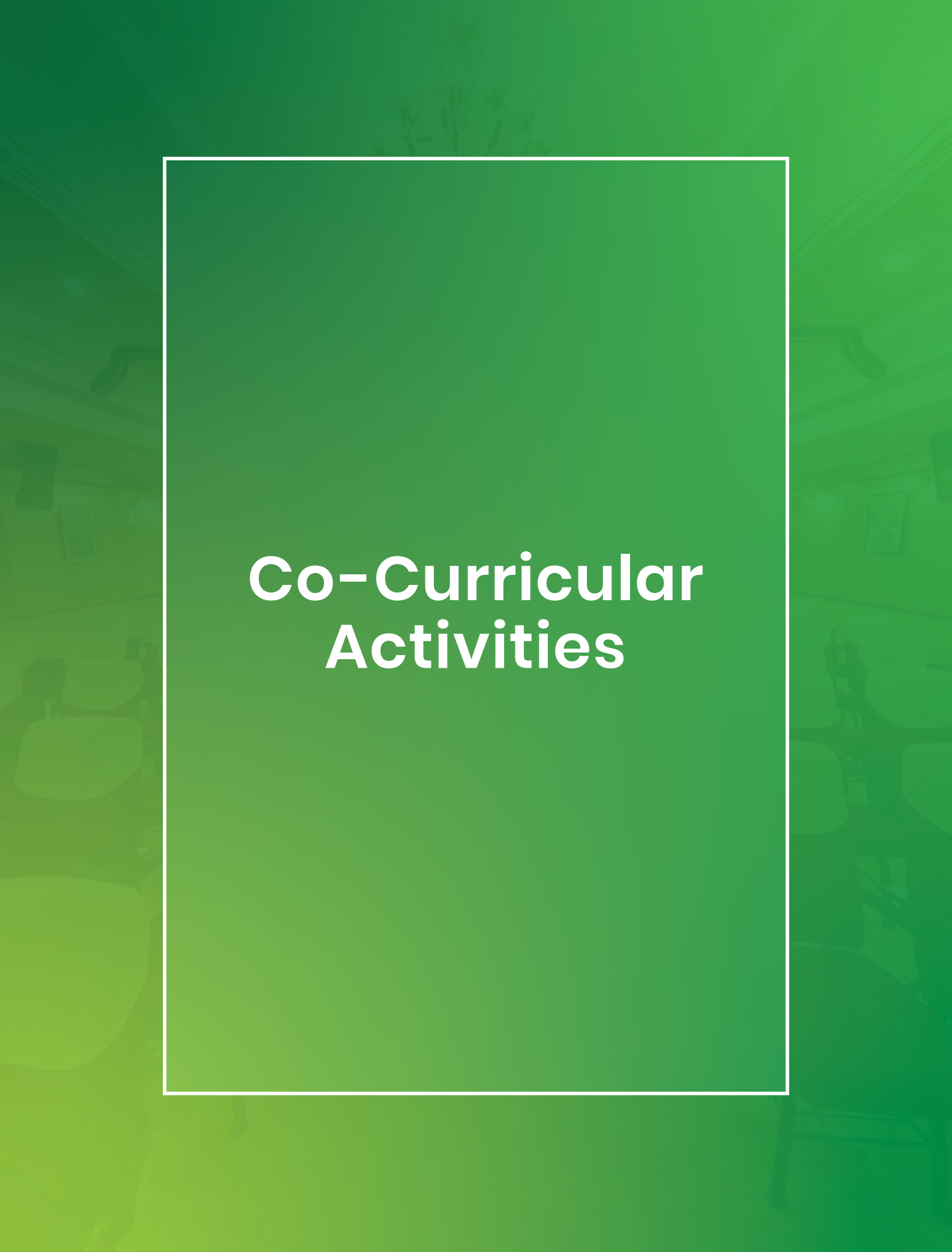
Approx. 50% students are employed in media companies, Self-employment and freelancing – 40%, entrepreneurship -5%, Higher studies – 5%

Cultural and Sports Window







The background of the slide is a photograph of a school hallway, showing lockers, bulletin boards, and a person in the distance. A semi-transparent green gradient is applied over the entire image. A white rectangular border is centered on the slide, enclosing the title text.

Co-Curricular Activities



Age Friendly SH – An Overview

Age Friendly is an initiative from the part of Sacred Heart College, a learning programme that aims at providing the Senior Citizens an opportunity to get access to free education. Age Friendly programme is based on the concept of University of Third Age United Nations of WHO.

The academic year 2020 commenced with the onset of lockdown and the then situation of pandemic took everything to the online platforms. But that couldn't restrict the refreshing and energising mindset of Age friendly volunteers to extend their service to the society.

The otherwise offline classes of Age Friendly couldn't be taken directly in person due to the prevailing COVID-19 situation in the world. Thus, the classes were shifted to the online mode. A survey was taken among the existing elderly students of Age Friendly regarding the availability of electronic gadgets and internet connectivity and accordingly the decision was taken regarding the conduct of online classes. A one-to-one teaching methodology was followed in the online mode also. One volunteer was assigned to every student with a view to interact with them and make online learning enthusiastic. Being entirely new to this platform, the first few classes were to make the students familiarise with the new platform of

learning. Recorded classes were made accessible to the students which taught them to operate Google Meet and other related online applications, thus making them prepared for the online classes. Later, the subject classes were started with recorded classes made available to them twice a week and live classes were conducted every Saturday through Google Meet. Elderly people are being taught in Information Technology, Spoken English, Communication French & Hindi. The Online Classes were officially inaugurated by Shri. M G Rajamanickam IAS, the then Director of Fisheries & Incident Director of COVID containment zones on 22nd August 2020 from 5:30 PM to 6:30 PM through the Google Meet platform. The Age Friendly students spoke about their unparalleled experience from this initiative.

Apart from academics, Age Friendly also did a miscellanea of external activities which is relishing for the society. All significant days were observed through an average of 300 informative posters & videos with the sole aim of promoting awareness among the public.

World Elder Abuse Awareness Day

As part of commemorating World Elder Abuse Awareness Day on June 15, a video was geared up by a duo of Age Friendly volunteer and student and a transition video was created on

International Day of Yoga embarking on the theme of “Yoga at Home, Yoga with Family”. Marking the National Day of France, Age Friendly French students gave tribute through a video. On 30th July, being ‘International Friendship Day, the Age Friendly volunteers created a video screening the memorable moments of the Age Friendly students of being part of the Age Friendly Club.

TIRANGA

Age Friendly club celebrated "TIRANGA" - the Virtual Independence Day Celebration on 15th August with great joy and vigour from 4:30 PM to 5:30 PM through the Google Meet platform. The Chief Guest for the function was Lt. (Cdr.) Siby Mathew, Associate NCC Officer, Naval Wing, Sacred Heart College, Thevara.

Online Onam Celebration

Online Onam Celebration of Age Friendly titled "BOLO THARA RARA" was celebrated with great enthusiasm and zeth for 10 days. Age Friendly furnished various unheard-of information about Kerala harvest festival throughout the ten auspicious days of Onam along with few competitions being organized as part of it. Further, a live online celebration was conducted on 29th August 2020 at 3:30 PM through Google Meet. The Chief Guest for the function was Cine Artist and Classical Dancer, Shri. Vineeth.

Teachers Day

With the purpose of extending heartfelt gratitude to the valuable teachers who spend their time, energy and love, to care and educate the promises of the future, as part of celebrating Teacher's day, the Age Friendly volunteers wished each and every teacher of the college best wishes.

International Day for Older Persons

The International Day for Older Persons is observed on October 1 every year, with an aim to appreciate the contributions that older people make to society. In commemoration of this day, the Age Friendly Club organised various programmes, thus proving that age is just a number that depicts their physical appearance and not their mental state. For celebrating this day, Age Friendly volunteers created digital greeting cards for every elderly student and distributed it to them. Further, an online celebration was organised at 4 PM the same day, with a talk by Adv. Jessin Irina, Lawyer and Activist, about the legal provisions relating to Old Age life.

Kerala Piravi Dinam

As part of celebrating Kerala Piravi Dinam, the volunteers of the club geared up a music feasta for the elderly students on 1st November, through a transition video of the volunteers bringing out the beauty of Kerala by singing and dancing to the tunes of a beautiful song. A one week cancer awareness programme “CAN BEAT CANCER” was held from 1st November to 7th November. The Chief Guest and the key speaker for the session was Dr. Vishnu H, Oncologist, Rajagiri Hospital, who briefed about the different cancers currently prevalent and the changes in the human activities which can reduce the effects of this disease.

Children's Day celebration

Children's Day celebration of Age Friendly was done with an ONLINE FANCY DRESS COMPETITION for all kids of the age group of 2-12 years. A total of 106 kids participated in the competition. Also, a collage video of the childhood photographs of all Age Friendly volunteers was also created to put a name to their childhood memories. As part of

celebrating the festival of lights and to signify the removal of darkness and ignorance from the hearts of beings, a musical treat was created for the Age Friendly students with the volunteers dancing to the tunes of the music. Further, Age Friendly came up with a new initiative-'LIFEDOTS- Fuel for your life'. Lifedots is a radio talk series imbibing insightful lessons and teachings to its audience, which was released once every week.

Christmas Day celebration

Age Friendly organised a one month Christmas celebration under the title "CHRISTMAS CHRONICLES". Personalised greeting cards were sent to all volunteers and elderly students directly through post to instil the feeling of togetherness in their minds. Short videos under the head 'Frosty Flicks' were geared up as a Christmas treat to the volunteers and students, along with a few competitions being held on the online platform. Further, a video showcasing the talents of the volunteers was shown to the public, which turned out to be a Christmas present for all.

World Cancer Day

The World Cancer Day on February 4th, the Age Friendly volunteers arranged an interview with Dr. V P Gangadharan, Oncologist, Lakeshore hospital.



Other Activities

A one week Road Safety Awareness Campaign was observed from 10th February to 17th February. Each day of the campaign threw light on the importance of keeping pace with the traffic rules of the country. On 13th February, various Radio Jockeys from around Kerala shared their experience with Age Friendly as part of commemorating World Radio Day. The volunteers also geared up a video observing International Mother Language Day on 21st February.



The Age Friendly batch for this academic year is nearing its end. The classes have been concluded and Age Friendly is planning for a Convocation ceremony soon. Within no time, the next academic year Age Friendly batch will start to commence with the introduction of a new course - Sanskrit.





Dance Club of SH

The dance club of Sacred Hearts is one of the most vibrant clubs filled with inspiration, creativity and competitiveness, finesse and grace. The Dance club of Sacred Heart College, Thevara has undoubtedly been one among the best in terms of its performance, execution of events & hardwork. Initially

bringing together all interested students and filtering them through different processes, the choreographers who are also from the student fraternity helps in refining & creating a team. This team will be representing the college for different State level and National level competitions and different processes, the choreographers who are also from the student fraternity helps in refining and creating a team. This team will be representing the college for different State level and National level competitions and they continue to maintain their positions through creativity and hard work. The Dance Club 2018-19 conducted an opulent national level event named "Natya" which still remains etched in the hearts of many. Apart from the inter college fests, Dance club is unequivocally one the most active club.



Jesus Youth

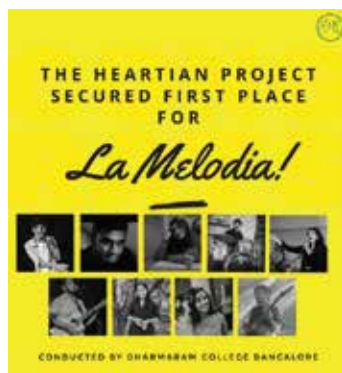
In the academic year 2020 -2021, all the activities of JY were conducted online due to covid-19 situation. LIC (Locked in Christ) was a series of online sessions conducted for students active in Jesus youth, to help their spiritual growth. Each session dealt with a specific topic. Every Wednesday, Fellowship Gatherings are conducted via google meet and students participate in these gatherings actively. There were be games, sharing, praise and worship, etc. INFLAME (farewell for seniors) was conducted online. To provide a little help for people who suffered in Chellanam due to flood and Covid -19 situation, Jesus Youth in association with NALLA



AYALKKARAN (A Jesus Youth ministry) conducted a 10 Rs./ challenge. An amount of Rs 1,64,336 was collected and given to NALLA AYALKKARAN team and they delivered the necessary items. Various prayers and adorations were conducted online. Online competitions were conducted for Onam and Christmas. As a preparation for Christmas, Jesus Youth organized a program called NEVA BELLA - moral messages were given each day and some tasks were given corresponding to the message. Christmas celebration of Jesus youth was conducted on 27 December 2020. Jesus Youth released various posters wishing feasts of Saints and various special days.

Heartian Music Club

- Music club organised an online meeting for all music club members on Kerala Piravi Day.
- Released Bhajan as a tribute to Gandhiji on Gandhi Jayanthi day.
- Staged a live performance before the Autonomy visit team.



Achievements

Our Heartian music project won the first prize in 'La Melodia' competition organised by Dharmaram College, Bangalore.

NCC AIR WING

Republic Day Camp

LFC Muhammed Shafi. P. S. of NCC Air Wing, Sacred Heart College (Autonomous), Thevara was selected for the prestigious Republic Day Camp 2021 representing Kerala and Lakshadweep Directorate as the Best Cadet. He was selected for the camp among many other cadets through a series of selection camps which was really challenging and motivating.

He took part in PM rally and bagged fifth rank in All India level Best cadet competition. He was also shortlisted for the Youth exchange program under Kerala and Lakshadweep Directorate. The Republic Day Camp commenced on 3rd January, 2021 and concluded on 29th January, 2021.

Republic Day 2021 Parade At College

The 72th republic day was celebrated with the esteemed presence of Coast Guard officers who were also former cadets of the Navy wing of Sacred Heart College, Thevara. The flag hoisting ceremony followed by a class by the Coast Guard officers on 'Swachh Bharat Abhiyan' was conducted.

LFC Mohammed Shafi P. S. was appreciated for participating in the PM's rally at the Republic Day Camp, New Delhi. The felicitations passed by the respected Principal Rev. Dr. Prasanth Pallakkappillil CMI, ANOs of the Navy and Air Wing and the Coast guard officers focused on hard work & ambition. The occasion thoroughly awakened the patriotism in each cadet.



Day Camp

NCC Air Wing Day Camp was organised at Sacred Heart College, Thevara from 22nd February, 2021 to 26th February, 2021. Commanding Officer Group Captain Vinod Ramachandran was the Camp Commandant and Flight Lieutenant Dr. Joseph George (ANO – NCC Air Wing, S.H. College, Thevara) was the Deputy Camp Commandant.

Camp was conducted following the COVID protocols. A rally was conducted on 24th February, 2021 to create awareness on Swachh Bharath Abhiyan and a skit was performed on the theme of Drug Abuse. The camp concluded on 26th February, 2021.



Ranking Ceremony

ANO (Associate NCC Officer) of NCC Air Wing of our College; Flying officer Dr. Joseph George was promoted to the rank of Flight Lieutenant on 23rd February, 2021 during the Day Camp. After leading the subunit for nine glorious years. Principal of Sacred Heart College (Autonomous),

Thevara Rev. Dr. Prasant Palakkappillil CMI and Commanding Officer Gp. Capt. Vinod Ramachandran jointly gave the rank to Dr. Joseph George.

'B' Certificate Exam

The 'B' Certificate Exam of NCC Air Wing Cadets was conducted in our 28th March, 2021. Our ANO along with the third year cadets had provided the necessary guidelines for the cadets from other colleges, who appeared at our College for the examination



The 'B' Certificate Exam was conducted in two sessions. During the morning session the written exam was conducted and it lasted for 3 hours & during the afternoon session foot drill, rifle drill and viva was conducted. The B certificate exam had ended by 16:30 hours. A total of 67 cadets appeared in the exam from S.H. College, St. Albert's College & Maharaja's College.

Principal's Farewell

Our respected Principal Rev. Dr. Prasant Pallakapallil CMI was accorded a befitting combined farewell by all the three NCC units of our College on 23rd April, 2021. Captain Shinod Karthikeyan (Executive Officer, INS Garuda, Kochi) was the Chief Guest. Amid the pandemic situation, seven cadets from each wing (Air Wing, Army Wing and Naval Wing) were present during the farewell. The farewell program had lasted for an hour and our cadets actively took part in it.



NCC Army Wing

Swachhtha Pakhwada

In connection with Swachhtha Pakhwada, the cadets of SH NCC Army Wing conducted a cleaning session on 20th January 2021 in the college premises. The



motive of the session was to make sure that the surroundings we live are clean and also to bring awareness among cadets about the cleanliness of surroundings. The cadets of the wing took part in the program by obeying the Covid protocol. The cadets wore mask and carried sanitizer during the cleaning session. All the cadets were requested to wash their

hands after the program. The program was inaugurated by the Principal Dr. Prasanth Palakkappilly. CTO James V George was taken the leadership.

Republic Day 2021

Sacred Heart College, Thevara celebrated the Republic Day on 26 January 2021 vibrantly even in the COVID-19 situation. Cadets from all the wings of NCC, a few NSS volunteers and other audience gathered for this auspicious occasion of 72nd Republic Day. Representatives from Coast Guard, Commandant Jeethu I Jose and Junior Commandant Sandesh Prabha, the alumini of the college, were the chief guests of the day.



Blood Donation Campaign

A blood donation campaign was conducted on 10 February 2021 at Cochin Port Trust Hospital by the three wings of NCC of the college in coordination with Cochin Port Trust Hospital, Rotary Club, Indian Medical Association and Cochin Streamer Association.



FEED THE STREETS – Food Distribution to Poor on the Streets

KOCHI: As a social service activity being conducted every year, the cadets of Army Wing of Sacred Heart College, Thevara led a food distribution campaign to the poor on the streets of Ernakulam City on **8 March 2021**. The crew set out around 11 a.m. to the Ernakulam South Railway station region & distributed food packets to those poor on the footpaths and streets without shelter and belongingness. A total of 21 cadets were participated and divided into two groups. 108 food packets were distributed. By undertaking this activity, the cadets ensured their responsibility on their fellow beings and the role of NCC on common life. Strict COVID protocol was followed during the campaign. Cadets also admired and applauded the efforts and the lead taken by the 21 (k) Bn Ernakulam under the able command and leadership of Col. Rajiv Rai (CO) and AO Lt. Shaji Chacko.



Farewell Function

On the occasion of the retirement of the respected Principal of Sacred Heart College Thevara, Rev. Dr. Fr. Prasanth Palackapillil CMI, cadets of all the NCC wings coordinately bid a farewell on 23 April 2021. The official function started at 2 p.m. Captain Shinod Karthikeyan (IN), Executive Officer INS Garuda was the chief guest. Fr. Principal was felicitated by the chief guest & the other honorable persons. CDT Sachdev E S from NCC Army Wing delivered a mind blowing speech about the principal, who served his maximum for the enhancement of the college, society and very specifically to NCC.

Piloting Ceremony

On the occasion of the retirement of the respected principal of Sacred Heart College Thevara, Rev. Dr. Fr. Prasanth Palackapillil CMI, the college gave piloting farewell to him on 30 April 2021, his retiring day. The cadets of all the NCC wings piloted the ceremony. CPL Vasudev Krishna and L/CPL Radhendu S from NCC Army Wing took part in the piloting ceremony.

COVID-19 Awareness Program

The cadets of SH NCC Army Wing conducted an online awareness program about the ongoing COVID-19 pandemic by releasing a video and a poster which was posted in the official instagram page on 1 May 2021. It also made the public aware of the importance of getting vaccinated. The video offered guidance for online registration for vaccine. This was a humble and useful initiative to make the public aware and alert about the second wave of COVID-19 which is deadly and dangerous than the first wave.

Naval Wing

The NCC Naval wing conducted its activities for the year 2020-21 under the guidance of Lt. Cdr. Dr. Siby Mathew. The aim of NCC is to inculcate a sense of discipline and leadership among the cadets. Training help the cadets in developing their character, leadership skills and comradeship, needed in all spheres of life. Besides training the cadets in naval service subjects, we give emphasis on personality development by conducting group discussions, quizzes, snap talks & cultural programs and some adventure activities. The devastating COVID-19 pandemic has brought the world to a halt and has also restricted us to conducting activities only through the virtual platform. Our official Instagram page named 7(K) Naval Unit NCC of Sacred Heart College was started on 16th April, 2020 for sharing our experiences and to make the non NCC cadets feel motivated to join hands with us. This year the unit organized Webinars on Career Prospects in Armed Forces, The Constitution Day and Cadet to Officer.



Tree plantation

11th July, 2020 Tree plantation drive was conducted to encourage people all around to plant a tree and also to create a sense of urgency for the need of greenery in our present generation.



Fit India

21st August, 2020 Fit India was a challenge started with a motive to make all our fellow mates be fit and healthy especially improving their wellness during this global pandemic.

Paradigm

On 2nd October, 2020 the occasion of Gandhi Jayanti the cadets of NCC Naval wing visit an old age home and give their time of their life by providing them with medicines, accessories and moreover a good friendly bond with them. Since it's the pandemic time we weren't able to visit them so we provided medicines and immune boosting food items to the elder community in the old age home and also we are trying to create awareness to our friends and other people to motivate and encourage them to be a part of the noble cause.



Fund collection

15th October, 2020 as one of our cadet's family was going through a difficult time having both parents suffering from serious health issues. A good amount of donation was received from not only the other cadets but also from everyone in the college to ease their financial burden.

Swachhta Pakhwada

As part of observing Swachhta Pakhwada 2020 many initiatives were taken keeping in view the guidelines and protocol of COVID- 19 pandemic. To spread the awareness of Swachhta, the cadets took the initiative of designing and distributing posters to the neighbourhood to keep our surroundings clean. The whole campus was cleaned. A cleanliness drive was conducted in order to discourage the use of plastics. Banners were made to ensure social distance during elections.

New year celebrations

On 1st January, 2021 as 2020 ends in a series of surprises from the pandemic, the cadets of the NCC Naval unit, celebrated the beginning of a prosperous new year by distributing cakes to the elderly living in old age homes and spent quality time with them.

Cleaning Program

On 12th January, 2021 a cleaning program was conducted where all cadets visited their neighbouring houses and cleaned the outdoor premises and also taught the youth to help their parents by keeping their surroundings neat and tidy.



Cyclothon

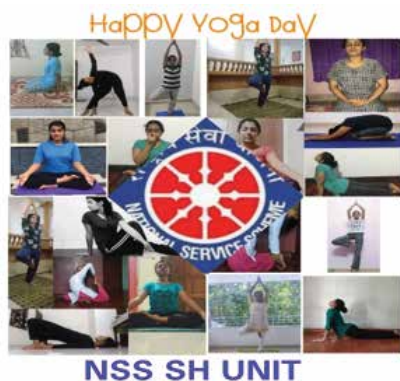
On **25th January, 2021** a cyclothon was conducted and maximum participation was received from all the cadets. The minimum distance to be travelled was 5km and the event as a whole was a grand success.

Poster making competition

On **1st February, 2021** a poster making competition was conducted on the topic Swachh Bharat, a campaign which was initiated by our Honorable Prime Minister Narendra Modi of what the Father of our nation Gandhiji had started. All the cadets actively participated for the same.

NSS 2020-2021

The NSS Unit of Sacred Heart College were not bogged down by the trying times of Covid-19. The volunteers were involved in all kinds of service activities within the four walls of their homes and many also volunteered in societal activities by adhering to the SMS protocol at all times.



Every year the activities begin with the celebration of the Environment day on June 5th with pomp and this year was no different with students planting trees in their home and nearby areas. International Yoga day was also observed from the precincts of their homes. A class on Yoga was conducted by Mrs. Geetha on the theme 'Yoga at Home and Yoga with Family'.

The college in association with the Media outreach Bureau, Ernakulam conducted National Seminar on the topic 'Mental health in Pandemic times' on 16th July and it was attended by more than 240 participants from different states like Gujarat,

Delhi, West Bengal, Tamil Nadu, Pondicherry, Karnataka and from all districts of Kerala.

Chellanam a coastal bears the brunt of the cyclonic storms and monsoon every year and this year was no different. The volunteers swung into action by donating money and also through sponsors were able to collect funds to distribute to about 100 houses each kit worth 750 Rs that included grocery items and cleaning liquids. The volunteers also distributed about 2500 bags to make sand bags to curtail erosion.

The volunteers in association with the Adishakthi Summer school were involved in the online admission activities of the tribal and dalit communities.

About 18 online seminars were organized to observe the different days and also to create an awareness.

Inspite of the Pandemic the volunteers residing in the neighbourhood used to involve themselves in the offline activities whenever feasible. The volunteers celebrated Onam at the nearby Bethesda home for the differently abled women by visiting them and distributed new clothes and also donated sweets and savouries.





Mask distribution

The NSS volunteers celebrated NSS day by distributing 3 layered cloth mask in their neighbourhood. Almost 150 masks were distributed.

Gandhi Jayanthi

On the occasion of Gandhi Jayanthi a cycle rally with a theme say NO TO PLASTIC was organized from the college to Municipal Park Kakkanad. A skill training in the making of Soap powder, Liquid detergent, toilet cleaners was conducted for the public in Elamkunnappuzha panchayat. 25 books were also donated to the local public library and the volunteers also involved themselves in the auditing of the books.



Chavara Bhavana Padithi

The highlight was the Chavara Bhavana Padithi a flagship program of the college for which the volunteers lend their hand in the construction of a house at Ezhupunna, its painting and cleaning activities which was then donated to an aged couple whose house was destroyed in Chellanam during the cyclone.



The volunteers also visited a Children's home on Children's day and spent the day with them. In keeping with the Fit India Campaign a cycle rally was organized to the Areekal falls which is a 80 kms ride.

A 7 day online camp Ujjeevanam was organized with all the components of a camp and the volunteers attended a number of awareness talks and were involved in making of microgreens, cleaning their locality, creating an awareness and collection of consent forms for eye donation from the community. The last 2 days of the camp involved the participation of students in cleaning activities at the college Extension centre at Arayankaavu.



Orientation Program

An orientation program for the first years was also organized in the college by Prof Sibi K I of SH College to guide them into the arena of volunteerism and society.

Flash Mob

In association with the Nehru Yuva Kendra & Election commission & the district collectorate , a flashmob was organized in 4 different areas to educate and encourage the people to exercise their franchise.



Photography Club

Symmetrical Photography Competition

The Photography club of Sacred Heart College organised a Photography Competition on the theme Symmetry for the students of the college on 5th March 2021 from 8:30 AM to 5:30 PM. It was a virtual competition. Photos were sent and verified online. Each student was allowed to send 3 photos.



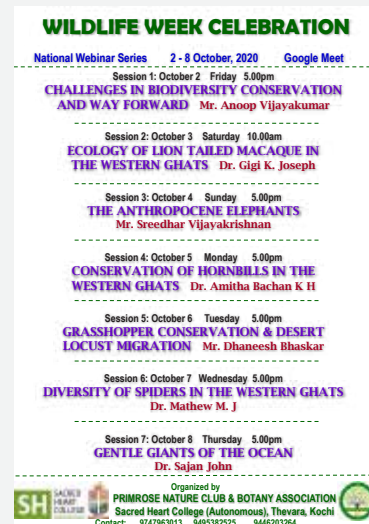
There was a participation of 10 students from various departments. The programme was organised and managed by Assistant Professor Priya Renjini S, Dept. of Commerce SF. It was well co-ordinated by Anandu PM (2nd year Zoology), Aashna Maria (3rd year B. Com TT). We had two experienced resource persons as judges: Vivek Vijayan (our alumni, Mathematics department) and Yadu Krishna (our alumni, department of Commerce SF (B.Com CA)). The top 5 students were awarded with e-certificates from the college.

Primrose Nature Club

The club is aimed to inculcate and develop an interest in nature among the students and society through meetings, talks, workshops, field studies and publications.

World Wildlife Week

In Connection with World Wildlife Week, Primrose Nature Club and Botany Association of Sacred Heart College organized a one week national level webinar series from 2nd to 8th October 2020. More than 200 participants attended this program from various colleges.



Statistical Survey & Analysis Wing (SAW)

World Statistics Day

In commemoration with World Statistics Day, the SAW club in collaboration with the Department of Mathematics & Statistics has conducted a few online competitions across India. The event was a blend of two competitions:

(a) Rev. Fr. John Therezhath Endowment Inter-Collegiate Statistics Quiz Competition

(b) Digital Poster Making Competition.

Around 60+ students demonstrated their talents. The competition promotes the awareness and use of statistics in different sectors that will help to boost up our creativity, knowledge and performance.

Rev. Fr. John. Therezhath Endowment Inter – Collegiate Statistics Quiz Competition

The competition was held on 22 December 2020. 29 teams each consisting of two members participated for the competition. The competition was conducted in two rounds. The first round was through a MOODLE platform where participants were requested to attend 20 questions within 30 minutes time limit. The questions were arranged in such a manner that for each correct answer the contestant was provided with +3 marks and for each wrong answer with -1 marks. From the first round 8 teams



were qualified out of which two were defeated in a tie-breaking session. 6 teams moved into the second round which was conducted live through Google meet platform. There were 4 rounds each with 6 questions. The first prize was shared by two teams and was awarded Rs. 2.5k each. The team who secured third prize was awarded Rs. 1.5k. All the participants received e-certificates via email.

Digital Poster Making Competition

For the poster making competition, the participants were requested to submit their work (along with name, name of institution and contact number) through email. The entries were accepted till 18th December 2020. The judgement was based on creativity and clarity of theme. The theme for the competition was: "Together with Virus". The first prize was awarded Rs 1k and second prize with Rs 500. E certificates were provided to all the participants.

Mini Project Publication

As part of the club activities we are planning to publish paper on the results obtained from the various statistical studies done by the members of SAW club (also as a part of their mini project work). Towards the beginning of the fourth semester, the class had been divided into twelve groups (eleven group of two members each and remaining one with three), who all had chosen to work on various interrelated topics like impact of covid-19 pandemic on online platforms, junk food over usage and health issues etc. The final drafts of projects are expected to be completed before March 2021, after which as mentioned above, a paper is planned to be published.

Webinar Report – August 2020

The Statistical Analysis Wing (SAW) of Sacred Heart College had conducted three webinars in collaboration with The Department of Mathematics and Statistics on 8th, 12th and 14th of August, 2020. The purpose of this program was to provide insights and understandings to the students regarding the key concepts of statistics and data science, to discuss the practical steps in planning and conducting research activities, and to talk about the career opportunities in the field of mathematics and statistics.

In this grim scenario as we face what may be the most significant medical crisis of our times with the COVID-19 pandemic, we conducted these webinars and discussed so many concepts and application in the field of statistics, mainly the importance of data and analytics in the future.

The webinars were very enriching and provided the platform to learn many things and to clear some doubts regarding the job opportunities. The objective of the webinar was achieved. The overall session discussion benefitted the faculties and students.

SACRED HEART COLLEGE
Autonomous

Department of Mathematics & Statistics Organises a webinar on

Introduction to Machine Learning for statisticians
Date : Aug 8, 2020
Time : 2:30 to 3:30 pm
<https://tinyurl.com/888k387>

Dr. Ganesh Neelakanta Iyer
Cloud, Devops @ Salesforce

Introduction to Statistical Computing
Date : Aug 12, 2020
Time : 2:30 to 3:30 pm
<https://tinyurl.com/5TJ6385A>

Dr. Jincy K Jose
Associate professor & Head Director,
Directorate of Research,
Kannur University

Introduction to Statistical Modeling & Applications in the Data Science Era
Date : Aug 14, 2020
Time : 2:30 to 3:30 pm
<https://tinyurl.com/8T86m3d486>

Dr. K. K. Jose
Honorary Director,
School of Mathematics,
Statistics & Data Analytics,
M.G. University, Kottayam

Registration free with E- Certificate

Co-ordinator : Dr. Lakshmi Priya R,
Dept. of Statistics
priyara77@shcollege.ac.in

Google Meet

Lockdown Activities

Our world is facing a new challenge in the form of covid-19 pandemic followed by the lockdown. But it is not the end, the world will go on and it finds it's on way. The members of SAW club found their on ways to make the lockdown days useful and lively.

Farming is the fundamental basis for life on earth. The lockdown days was utilized by the students to do farming in the limited space of their home [terrace, courtyard etc]. The students also conducted entrepreneurship programs such as mask masking, homemade cake baking, craft designing etc

June 29th, the National Statistics Day celebrated in memory of the great statistician Prof. Prasanta Mahalanobis. With the thread of unity, during this COVID outbreak they made a video presentation from their homes on the importance of statistics on various fields such as career, medical, weather, ministry etc. The video was released on 29th June 2020 and was officially posted on the Facebook page of Sacred Heart college.

As statistics students, they also conducted a survey to get an idea about how the COVID-19 outbreak and lockdown affected the society. They prepared apt questionnaire and conducted it via online platform. It was also a practical experience and application of the statistical theories.

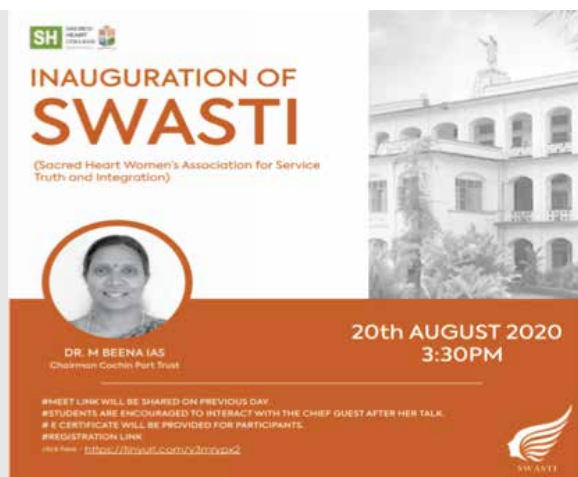
Student Services Programmes

Sl.No.	Programme	Date	Remarks
1	Dil Ki Baat	01 June 2021	Principal Address - Inauguration of the academic year 2020-21
2	SH International Webinar Series	06 June 2020	Online Learning: A Guide for Parents by Dr. Muralee
3	Webinar	09 August 2020	New Education Policy & Higher Education Sector, Kerala - Prospects Problems & Preparedness
4	Hridhyarambham 2021	17 Sept 2020	UG Students
5	Induction Programme	18 - 25 September 2021	Orientaton for First Years
6	National Science Day	28 February 2021	In Conversation with Heartian Young Scientist Awardees
7	Extension Programme	02 January 2021	SHCOOB (Arayankav Paddy Cultivation)
8	Extension Programme	13 February 2021	Mangrove Forest Cleaning
9	Student Parliament	04 March 2021	Preparatory Meeting for Autonomy Visit
10	Extension Programme	11-14 March 2021	Jaiva Karshika Utsavam 2021

SWASTI – Women's Cell

Inauguration

Inauguration of SWASTI and Live Webinar on “Unlocking the potential within you” was organized on 20th August, 2020 at 3:30 pm. Dr. M. Beena IAS shared her life journey to IAS and insisted students to pursue their girls irrespective of gender bias and restrictions. More than 160 students were participated.



Webinar – Focusing Forest : Choosing the Wild Path

A Webinar on “Focusing Forest: Choosing the Wild Path” was organized by swasti on 27th August, 2020 at 3:30 pm. Teacher and Wildlife Photographer Dr. Aparna Purushothaman was the resource person.



Online sessions

1. **Online session on Gender Sensitisation** - Mrs. Remya Benoy, Chief Sub Editor, Malayala Manorama handled a session for the first-year graduate students as Guest Speaker on Gender Sensitisation under the auspices of Swasti- Sacred Heart Women's Association for Service Truth and Integration during their orientation programme on 25th September 2020.
2. **Online session on Legal Awareness for girls and women** - Adv. Thanuja George handled a session for the first-year graduate students as Guest Speaker on Legal Awareness under the auspices of Swasti- Sacred Heart Women's Association for Service Truth and Integration during their orientation programme on 25th September 2020.

Online Zumba training as a part of International women's day

On behalf of International Women's day, SWASTI organized an online Zumba training class for all the Heartians. The session was handled by Poornima Viswanath, who is an alumnus of our college and the founder and instructor of Zwagg Fitness Studio. The session began with an introduction and was followed up by some Zumba moves, belly dance, and bhangra. It was a vibrant showcase of the power of women. More than 60 students actively participated in the programme.

International Day for the Elimination of Violence against Women

On International Day for the Elimination of Violence against Women (25 November, 2020), a live chat with Ms. Parvathy Thiruvothu (Cine actor and activist) was organized by swasti In collaboration with SH School of Communication and Women in Cinema Collective.



Confluence 2 – ‘The future is brighter than you think’

On behalf of International Women’s day, SWASTI & PAASH jointly organized an online session named Confluence 2 – ‘The future is brighter than you think’ on 8 March, 2021.

The fruitful session was presided over by Mrs. Reema Poddar, who is a B.Sc. Physics pass-out of 1987 batch of SH College. Mrs. Reema is inducted into the top 100 Asian American hall of fame in 2020. It was a really inspiring and fruitful session for every person who has attended the meet. “The world we are living in only exists because of collaboration; no one person knows it all”- these words spoken by Mrs. Reema Poddar resonated with us. She shared from her various experiences at different life stages, giving us a glimpse into the making of this extraordinary persona. Her words were truly thought provoking to all the 160 students who participated in this 1 hour session.



Online College Competition as a part of International women’s day

SWASTI organized an online collage competition as a part of international women’s day 8th March, 2021. Fifteen students participated in two categories. Thara K A of I DC Botany and Anandhu B of I DC Chemistry were winners. All the entries were exhibited in college portico on 15th March, 2021.

Online creative writing competitions as a part of World sleep day

SWASTI organized online creative writing competitions as a part of World sleep day 19th March, 2021. Four students participated in two categories. Fathima Heena Hasmi of I BA English and Navya S of I M.Sc. Botany were winners. A poster depicting the importance of sleep was also created and published by students of SWASTI.

Adieu to the best – Farewell to respected Principal

On April 28, 2021, SWASTI conducted an online farewell program for our outgoing principal Rev. Dr. Prasant Palackappillil CMI. It was a wholesome program, filled with heartwarming moments with Fr. Prasant. We were also very fortunate to hear some pearls of wisdom from him. As a gesture of gratitude on our behalf, we also compiled some words of thanks from alumni and senior students in a video format.

Swasti Instagram Page – @swasti.shc

On 9th May, under the banner of Mother's Day, SWASTI inaugurated its Instagram page (@swasti.shc). An initiative by one of our first year members, it has been carried forward with great enthusiasm. The page is managed by a dedicated team of volunteers under the guidance of the teachers and student coordinator. The team looks forward to bringing newer and fresher content aimed towards promoting the wholesome growth of the community. Recently our popular activities included posts on menstrual hygiene, protection of the queer community and throwing light on relevant topics.

Mother's Day Programme

As a part of Mother's Day, May 9, SWASTI hosted a recreation challenge - #mommygotme and a quote writing competition - Escriber. There were around 40 entries for the recreation challenge and 35 for the quote writing competition. The alumni as well as students from other colleges also actively participated in the competition. Seethalakshmi of I B.A. Sociology, Ashma Liya Jacob of I B.Sc. Chemistry and Nandalakshmi of I B.A. English were winners. Naseera A. N. won the best entry position from the alumni.



International Menstrual Hygiene Day Programme

Swasti conducted an online question-answer drive, #Let'sTalkPeriod, in which Dr. Gracy Thomas, DGO, answered all the queries raised regarding menstrual health and hygiene. The session was received positively by the audience and was deemed to be helpful.

Period of Kindness

Swasti organised a fund-raising campaign in order to raise money to buy sanitary napkins for the women residing in the flood afflicted area of Chellanam, a village in Ernakulam. The one day event managed to raise an amount of Rs 17,600.

Tourism & Adventurous Club

Inauguration

The inauguration of tourism club activities was conducted on 25th August 2020 on online platform Google meet. The resource person for the day was Mr. Isaac Francis, Director of Santa Monica tours and travels. The function was chaired by Rev. Fr. Prasanth Palackapillil CMI. Welcome speech was delivered by Dr. Radhika P.C and Dr. Didimos also addressed the gathering. Apart from the members of the tourism club, a total of 100 students participated in the event. After the official inauguration, one hour session was arranged on the topic "The status of Tourism industry during COVID 19 and the expected developments after the pandemic" which was followed by a question answer session. The session helped the students to understand the status of the tourism industry during COVID 19 and its possible opportunities in the future.



Heritage week celebration

A national level online quiz was conducted in connection with word heritage week between 19th Nov to 26th November 2020. A total of 150 participated the same and 62 scored above 80%. Certificates were issued for those who secured more than 80%. The questions were prepared on the topic tourism products of India.

Indian Tourism Day 25th January 2021

An online Travel photography competition was conducted in connection Indian tourism day. E-certificates were issued for winners.

The Heartian Quiz Club (Nosy Parkers)

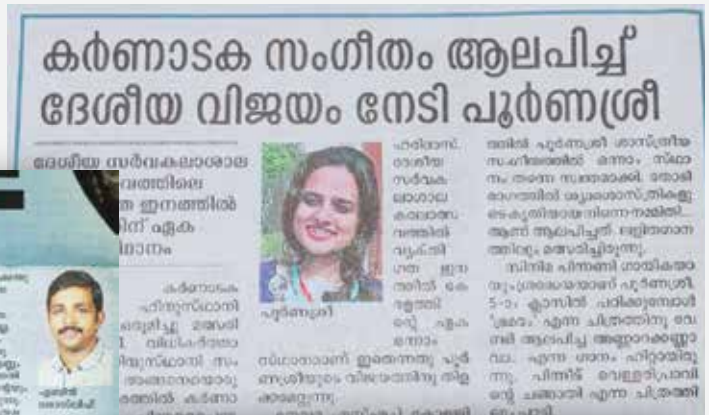
Nosy Parkers, the Heartian quiz club is one of the most active talent clubs of Sacred Heart College, Thevara. The members of the club regularly participate in various general as well as topic-specific quizzes around the state and bring laurels to college. The club meets on every Friday (later changed to Tuesdays) and discuss about miscellaneous topics through google meet. The club is led by the energetic supervision and guidance of Prof. Jeet Kurian Mattam of Department of Mathematics and Prof Ramakrishnan S of Department of Chemistry. Prof Siby Abraham of Department of Economics and Prof. Athira of Department of Commerce is also rendering significant support as an observer.

The activities of club limited in online platform due to the global pandemic due to COVID 1 even though the members of the club participated in its activities enthusiastically .

Mr. Abhishek M S of III DC Chemistry was the coordinator of the club, Mr. Joffin C Clement of III DC Mathematics was the assistant coordinator, Ms. Gopika Menon of II DC Economics was in charge of the treasurer position.

Activities of the club for the academic year 2020-21 was officially began on Aprtil 4th 2020 with daily online quizzes in our official WhatsApp group, everyday there was a quiz at 7 PM on different topics which was continued upto 31st May 2021 . The club gave a warm welcome to the fresher's batch of 2020-21 academic year on 26/01/21 and also provided orientation on current trends in quizzing.





Participants of a painting competition held at Sacred Heart College, Kochi, on Saturday. A total of 207 students participated in the event organized by SH School of Communication as part of their 'COMHAR' fest





ഇത് ലോക ഖഗിശിനി വിനം

കൊച്ചി നടപ്പാക്കുന്നു ജൈവ വൈവിധ്യ നഗരം

■ സംസ്ഥാനത്തു ജൈവവൈവിധ്യം സംരക്ഷണ വലത്തി തയ്യാറാക്കിയ ആദ്യ നഗരം

കൊച്ചി ജൈവവൈവിധ്യ സംരക്ഷണ നഗരം ആയി പ്രഖ്യാപിച്ചു. ഇത് സംസ്ഥാനത്തു ജൈവവൈവിധ്യം സംരക്ഷണ വലത്തി തയ്യാറാക്കിയ ആദ്യ നഗരമാണ്. ജൈവവൈവിധ്യം സംരക്ഷണ വലത്തി തയ്യാറാക്കിയ ആദ്യ നഗരമാണ് കൊച്ചി. ഇത് സംസ്ഥാനത്തു ജൈവവൈവിധ്യം സംരക്ഷണ വലത്തി തയ്യാറാക്കിയ ആദ്യ നഗരമാണ്.

ഗ്രാമീണ കാർഷിക നാട്ടറിവ് പഠനകേന്ദ്രം അരക്കുറ്റിയിൽ

നാട്ടറിവ് പഠനകേന്ദ്രം അരക്കുറ്റിയിൽ. ഗ്രാമീണ കാർഷിക നാട്ടറിവ് പഠനകേന്ദ്രം അരക്കുറ്റിയിൽ. ഗ്രാമീണ കാർഷിക നാട്ടറിവ് പഠനകേന്ദ്രം അരക്കുറ്റിയിൽ.



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തേവരയുടെ 'അച്ചൻ' പടിയിറങ്ങുമ്പോൾ

തേവരയുടെ 'അച്ചൻ' പടിയിറങ്ങുമ്പോൾ. തേവരയുടെ 'അച്ചൻ' പടിയിറങ്ങുമ്പോൾ.

വിദ്യാർത്ഥികൾക്ക് സർട്ടിഫിക്കറ്റ് വിതരണം ചെയ്തു

കൊച്ചിയിലെ വിദ്യാർത്ഥികൾക്ക് സർട്ടിഫിക്കറ്റ് വിതരണം ചെയ്തു

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3 പുതിയ ഇനം ചിലന്തികളെ കണ്ടെത്തി. 3 പുതിയ ഇനം ചിലന്തികളെ കണ്ടെത്തി.



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**ഇരപിടിക്കാൻ റെഡി,
വല നെയ്യാൻ മടി**

മിലന്നികളിലെ പുതിയ
ഇനസൃഷ്ടി കണ്ടെത്തി

അനോരുടെ ലേഖകൻ

കൊല്ലി* നല്ല തെളിവായ ഈ പി
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കർ. ഉണ്ടാകുന്നതിന് ചിഹ്നങ്ങളിലെ
പുതിയ അസ്സലിനെ മാത്രം കൊല്ല
ലിലെ ചിഹ്നം ഗന്ധം അത് വിശു
ധം കണ്ടെത്തിയതി.

පොළීන් නැති කිරීම හොඳින්ම සිදු කර
 තිබේ. ආර්ථිකය පුළුල්ව පවතින බවට
 සනාථය. සියලුම මිනිසුන් වැඩ කර
 තිබීමට හැකියාව ඇත. බැංකු සේවාව
 මුදල් සංසන්ධිකරණයට
 පොළීන් නැති කිරීමට හොඳින්ම
 සූදානම්ව පවතී. (Banksier), ආර්ථික
 සංසන්ධිකරණය (Bankness), සංසන්ධි
 ත්වය (Debtless) හෝ සංසන්ධිකරණ
 නීති (Debtlessness) ආර්ථික සංසන්ධි
 කරණය සංසන්ධිකරණය කිරීමට
 හොඳින්ම සූදානම්ව පවතී. පොළීන් නැති
 කිරීමට හොඳින්ම සූදානම්ව පවතී. (Banksier)
 ආර්ථික සංසන්ධිකරණය (Bankness)
 සංසන්ධිකරණය (Debtless) හෝ සංසන්ධි
 කරණය (Debtlessness) ආර්ථික සංසන්ධි
 කරණය සංසන්ධිකරණය කිරීමට
 හොඳින්ම සූදානම්ව පවතී.

സംസ്ഥാനത്തിലെ (യോദ്ധാക്കൾക്ക്) കൂടുതൽ അനുകൂലമായ ഈ ചിന്താധാരയിൽ അടങ്ങിയിട്ടുള്ളതും, വലിയൊരു അർത്ഥം.

[illegible]

തേരടക്കുടുംബത്തിലേക്ക്
 തൃപ്പാളൂരുനിന്നൊരു അതിഥി

ഗവൗരിഗുരുവാരം
പെരിട്ടു



● ഫലങ്ങൾ തൃപ്തികരമായി കണ്ടെത്തിയ ഒരു പാഠപ്രവേശന പദ്ധതി

[illegible][illegible][illegible]

02/11/2020 PALAKKAD Pg 04

[illegible]

Academic Rating



**NIRF India
Ranking 2020
Ranked 55
in College
Category**



India Today Ranking 2020

Arts: 23
Science: 24
Commerce: 29



The Week Ranking 2020

Arts: 22
Science: 26
Commerce: 29

ISO Certification 2020





College is now completing 77th year of its existence and is looking forward to the next major event of navati (90 years) in 2034 and centenary in 2044.

As per the vision of our founders, this is to grow into a full-fledged university. Towards this we hope to have 3 distinct full fledged campuses functional by 2025.

Besides the typical programmes, we hope to start centres of excellence in Physical Discipline through Yoga in alignment with FIT India programme, a centre for International Languages to enable students to spread their wings beyond the borders, a centre for promotion of culture and heritage through a CENTRE FOR PROMOTION OF SANSKRIT and other classic languages, a centre for Gender Studies before 2025.

As befitting our vision statement, we are to be in a relentless pursuit of excellence to create an ENLIGHTENED SOCIETY (prabudha samooaham), which can transcend the petty narrow divisions we ourselves generate and perpetrate. For this our foundations shall be faith in God as well as a secular (read scientific) outlook. May the Sacred Heart guide our paths in that direction and make us all truly ONE AT HEART.

Rev. Dr. Prasant Pallakkappillil CMI
Principal