



SACRED HEART COLLEGE

(AUTONOMOUS)

Accredited by NAAC with CGPA of 3.31/4 at 'A+' Grade | Affiliated to Thiruvalluvar University, Vellore

Tirup

attur



Dear Sacred Hearts!

It is heartening and comforting to see that the campus is full of life and bustling with activities after two years of uncertainty triggered by COVID-19. We should thank God for protecting us from the clutches of the virus and bringing back life to normalcy again. I hope that this situation continues in the future, conducive enough for teaching and learning, co-curricular activities, research and outreach activities.

It is said that "Women are the real architects of society". We have witnessed this from our Women's Cell that arranged a variety of programmes as part of Women's Day celebrations. They reached out to the women students of our college and also different segments of our neighborhood. I congratulate the Women's Cell on these meaningful efforts.

The Russia Ukraine war has now lasted for more than 40 days with a peace agreement still not in sight. The onslaught of the war in terms of bombarding missiles and firing of deadly weapons has crippled the life of millions of innocent people and made them refugees on alien soil. Let us all hope that the countries involved in the war realize that the earth is the common Home for all, and bring this bloodshed to an end at the earliest.

A book fair is an excellent opportunity for book lovers to read and get exposed to a variety of books. Usually book fairs are arranged in metropolitan cities. Our district administration has made all possible arrangements and materialized a book fair for Tirupattur district at Sacred Heart College from 2nd - 9th April, 2022. I appeal to you all, our stakeholders to pay a visit to the exhibition and if possible buy a couple of books to improve your knowledge.

Let us realize that God love us so much, that He made His son to be born as a human being, who went through the pains of human life, died on the cross and is risen. With this in mind let us celebrate a meaningful Easter this year. Wish you and your family a joyous and peaceful Easter.

With regards

Rev.Dr.D.Maria Antony Raj SDB, Principal.



RESEARCH DAY CELEBRATION 2021 - 2022



Research being the impetus of higher education, Sacred Heart College is continuing to strengthen it's research cell and has been extending it vigorously across all departments. Research Day is organised every year to show case the research carried out by the college. On 21st December, 2021, the glorious achievements of dedicated research from staff and students were recognised and honoured. The Chief Guest for this memorable moment was, the most esteemed Dr.

K.Srinivasan, Professor and Dean (Faculty of Sciences), Bharathiar University. All the Staff, PG students and Research Scholars participated in this celebration. Rev. Dr. John Alex, the Rector, introduced the chief guest and welcomed the gathering. Rev. Dr. K.A.Maria Arockiaraj, the Additional Principal, Shift II, read out the research credentials of the college. Dr. M. Jose, the Dean of Research, released the online journals of the Department of Mathematics, Economics and Computer Science. It was followed by the release of books by Dr. Pon Selvakumar, Dr. Mohan Gandhi and Dr. Pabhu, from the Department of Tamil. Mr.V.Madhan Kumar, Department of English and Mr.Sasiganth, Department of Management Studies. The research activities of all the departments were presented audio-visually by Rev.Dr. D. Maria Antonyraj, the Principal. Dr.Jude Vimal Michael, Assistant Professor, Department of Chemistry, presented the Research Forum reports of all the departments. Rev.Dr. Theophil Anand, Vice- Principal, (Administration), Shift-II presented the report of SHYIA, SACRED HEART YOUNG INNOVATOR AWARD. Dr. Martin Britto Das, Assistant Professor of Physics, presented the Intellectual Property Rights report for the year 2021. The best department of research was awarded to both arts and science departments. The best research award for faculty was given to Dr. Britto Antony Xavier, Department of Physics, Dr.George Maria Selvam, Department of Mathematics and Dr.K.Parthibaraja, Department of Tamil. The best research award to scholars was given to Mr.Sivakumar, Department of Physics and Mr.Vignesh, Department of Mathematics. The best department of research for Arts was awarded to the Department of Tamil. The best department of research for Science was awarded to the Department of Mathematics. Staff and Scholars were honoured on stage for publishing in Scopus Indexed and UGC care listed journals. A total of 229 national and international research papers were published in reputed journals during this year.

The Chief Guest in his address admired and appreciated the efforts of the management, the staff and scholars for their sincere efforts. He quoted Subramania Bharathi's verses on how he envisioned the youth excelling in arts and science. He congratulated the management for recognizing the research efforts of the staff and scholars. He wished the management to continue the good



efforts and reach greater heights. Further, the chief guest briefed on the global recognition of Indian researches and how research manpower has become the need of the hour.

71ST ANNUAL SPORTS MEET (2021-22)



Sacred Heart College (Autonomous), Tirupattur celebrated its 71th Annual Sports Meet on 26th March, 2022 in a grand manner. Rev. Dr. John Alexander, Secretary & Rector, Rev. Dr. K . A .Maria Arokiaraj, Additional Principal, Rev. Dr. Praveen Peter, Vice-Principal & COE, Vice Principals, Deans, Faculty Members, Administrative Staff and Students of both Shift I & II graced the occasion. The

chief guest of the day was Mrs.

Sangeetha Venkatesan, Chairperson, Tirupattur Municipality, Tirupattur. The dignitaries were received and given guard of honour by the college NCC cadets. The college choir invoked the blessings of God with a prayer song. Rev. Dr. K . A .Maria Arokiaraj, Additional Principal, welcomed the chief guest and the august gathering. The national flag was hoisted by the chief



guest. The sports men of Sacred Heart College carried the Olympic torch and ignited the Olympic stand. The sports meet was declared open by the chief guest. The leaders of the sports team took oath before the dignitaries. The chief guest in her address glorified the 71 years of service rendered by Sacred Heart College in imparting education to the youth of this region. Sports events were conducted for students, teaching staff and non-



teaching staff. The vote of thanks was proposed by Dr.A. Bento Devaraj, Physical Director, Sacred Heart College. Certificates and Trophies were given to the winners of various events by the chief guest. The overall championship was bagged by the Department of Economics (Shift I) and the Department of History (Shift II) respectively. The programme concluded with national anthem.

SOCIAL HARMONY EVENTS TO SPREAD PEACE AND UNITY

The NCC Unit of Sacred Heart College (Autonomous), Tirupattur in collaboration with 12 (TN) BN NCC, Salem organized a social harmony event titled "Spread Peace and Unity" on 18th March, 2022 in the premises of the campus. The welcome address was delivered by CUO. A. Meyyarasi. Rev. Dr. Praveen Peter SDB, Vice Principal (Shift – I) & COE headed the program and gave his presidential address, Dr. G. Mohan Gandhi, Asst. Prof

of Tamil, Sacred Heart College (Autonomous), Tirupattur addressed the gathering on productive ways to spread peace and unity in the society. It was followed by speech and drawing competition for NCC Cadets. About 150 SD and SW NCC Cadets participated in the programme. Certificates were issued to the participants. Lt. Dr. K. Sivakumar, Officer, NCC, Sacred Heart College (Autonomous), Tirupattur coordinated the event. The vote of thanks was proposed by L/CPL S. Sethuragavan.



73rd REPUBLIC DAY CELEBRATION AND UNVEILING OF THIRUVALLUVAR STATUE



Sacred Heart College (Autonomous), Tirupattur celebrated the 73rd Republic Day on 26th January 2022. The Celebration began with the Thamizhthai Vazhthu. Lieutenant. Major.Dr. K. Siva Kumar, welcomed the gathering, Rev.Dr.Praveen Peter, the Vice-Principal (Administration) introduced the Chief Guest Dr V.G. Santhosam, Founder, VGP Group of Companies, VGP Ulaga Tamil Sangam Chennai. The Guard of Honour was accepted by Rtn. Er. V. Bharathi, the President, of Rotary Club. Tirupattur. Rev. Dr.D.Maria

Antony Raj, the Principal, welcomed the gathering and delivered his Republic Day message. He wished everyone "A Happy Republic Day". It was followed by contingent drill performed by the NCC Cadets. The Chief Guest in his address elaborated on the significance of Thirukkural and its universality. He urged the students to love the country, be

brave and stay devoted to become a greater nation. India has become a powerful country because of the sacrifices of our courageous veterans like Netaji Subhash Chandra Bose. The Celebration concluded with the Vote of Thanks and National Anthem.

The Republic Day celebration was followed by the unveiling of Thiruvalluvar's statue of about 5 $\frac{1}{2}$ ft tall near the college library. It was sponsored by the VGP group.

The statue was unveiled by Kalaimamani, Dr. V.G.Santosam, Founder of VGP Group and the World Tamil Sangam. The VGP Tamil Sangam headed by Kalaimamani Dr.Santhosam aims at promoting the Tamil culture and the significance of Thirukkural across the globe. The pedestal on which the statue is erected is sponsored by Tirupat-



tur Rotary Club. The statue of Thiruvalluvar has been erected here as a symbol of our culture to put forth the great ideals of Thiruvalluvar to the students and to the people. The Tamil Sangam group has so far put up more than 130 statues of Thiruvalluvar in India and across the globe. Dr. Pon Selvakumar, Head, Department of Tamil, anchored the inauguration ceremony. Rev.Dr. D. Maria Antony Raj, Principal, Rev.Dr. John Alexander, Secretary presided and thanked the sponsors for their philanthropic deeds. The arrangements

for the ceremony were made by Rev.Fr. Sathyanathan, Administrator of the College. The salesian community, the teaching and non teaching staff and students took part in this culturally significant event of the college. Prizes were distributed to students for participating in the various Thirukkural competitions organised by the Department of Tamil. The salesian community, the teaching and non-teaching staff and the students participated in the celebration maintaining social distancing protocols. The event was also live - streamed through the institution's official YouTube Channel.

INTERNATIONAL WOMEN'S DAY CELEBRATION (SHIFT II)



The International Women's Day was celebrated on 10th March, 2022 by Women Cell (Shift II). All the women students were cordially invited to join the programme. About 2500 students and staff took part in the event. The guest of honour for the event was Ms. K Jyothi, ay oung musical prodigy, Chennai. Ms. K.Jothi touched all the hearts vocally with her booming voice and bags of character in her tone. Ms.Kalaiselvi her mother inspired

and motivated all by sharing the dreadful journey of Ms. K. Jothi and the comeback of her daughter's musical profession inspite of her disability. The women cell organized a short film contest. With their act of excellence, students of all the departments have participat-

ed, the short film videos were presented on screen. Various competitions were organized in view of Women's Day celebrations and the prize winning student of paintings, poster presentation, essay, poem writing, and short film were felicitated during the prize distribution. The programme was organised under the aegis of Women Cell (Shift II). The event was coordinated by Mrs.Savitha, Dean, Women Students (Shift II)



AWARENESS PROGRAMME ON MENSTRUAL HYGIENE AND ENDOMETRIOSIS WOMEN CELL (SHIFT I)



The Women Cell, the P.G. & Research Department of Social Work and the P. G. Department of Counselling & Psychology, Sacred Heart College (Autonomous) in collaboration with Sanitation First India, Chennai jointly organized an awareness program titled 'Menstrual Health and Endometriosis' on 1st March, 2022. Ms. T.S. Padmapriya Chief Executive, Sanitation First India, Chennai was the resource person for the event. Rev. Fr. Praveen Peter, Vice Principal, and Dr. A. Merceline Anita, Dean, Women Cell, Sacred Heart College honoured the resource person. During the session: a brief orientation about menstruation, the common stigma that exist in the society that associates with menstruation, the process of menstruation and menstrual cycle, physical changes that happen during the period of puberty, scientific and logic reasons for the practice among many families during the menstruation, emotional and physical disturbances which women

experience during menstrual cycle, methods to be used in disposing sanitary napkins, and methods of using menstrual cups & its benefits were elaborated. She also explained about Endometriosis, its symptoms, treatment and precautions. About 1000 girl students of both Shift I & Shift II attended the program.

INTERNATIONAL WOMEN'S DAY



The International Women's Day was celebrated by The Women Cell, Sacred Heart College (Autonomous) Tirupattur on 8th March 2022 at 2.30 pm in the college premises. Women Students of Shift-I attended the event. The program began with the invocation of God's blessings. It was hosted by Ms.Gokulavani, III B.Sc., Mathematics and Ms. Yazhini, III B.Sc., Microbiology. M. Kavi Barathi, Assistant Professor of English, welcomed the gathering with her winsome words of welcome. Rev. Dr. John Al-

exander, Rector and Secretary insisted that, the growing imbalance of men-women ratio has to be declined by focusing on celebration and welcoming girl child in all educational institutions. Rev. Dr. D. Maria Antony Raj, Principal asked the student community to make them vicious on social customs of dowry system and early marriage of girls. Dr.A.Merceline Anita, Dean of Women Students Shift-I, introduced the Chief Guest, Dr.L.Thenmozhi, Sky Yoga Professor, Social Activist, Lions Club,

Tirupattur Host. The chief guest in her address appealed that the status of women should be enhanced in the society and the dignity of womanhood has to be raised. The stage was enlightened with the beautiful cultural program by the women students. A debate was conducted on the topic "The Obstacle to the Advancement of Women, is the Community or the Family?" Dr. K. Mohan Gandhi, Assistant Professor of Tamil, moderated the session. In



the view of Women's Day Celebration, competitions were conducted for the students and they were encouraged with the distribution of prizes and certificates sponsored by Mr.V.Sundaram, Nallasiriyar, PMJF, District Chairman, Lions Club, Tirupattur Host. Dr. F. Silviya, Assistant Professor, Department of Mathematics proposed the vote of thanks. The program concluded with the college anthem.

SEMINAR ON RECENT TRENDS IN INFORMATION TECHNOLOGY

The Department of Computer Application (Shift II) organized a Seminar titled Recent Trends in Information Technology on 14th March, 2022. The objective of the seminar is to share the recent trends in information technology among the second and final year students. The welcome address was delivered by Master N. Foram (III BCA). Dr. A. Mekala, Assistant Professor, Department of Computer Application introduced the resource person. Dr. V. Uma Shankar, Assistant Professor, Department of Computer Application, Loyola College, Vettavalam, Villupuram District was the

resource person. Mr. A. John Martin, Head, Department of Computer Application honoured the resource person. The resource person elaborated the following trends: Machine Learning, Artificial Intelligence, Cloud Computing, Data Mining and Data Warehousing. The students clarified their doubts with the resource person during the question and answer session. The vote of thanks was proposed by Miss A. Jenifer (III BCA).



AWARENESS AND MOTIVATION PROGRAMME ON RESEARCH DEVELOPMENT

The PG and Research Department of Chemistry (Shift II), Sacred Heart College (Autonomous), Tirupattur organized the Awareness and Motivation Programme on Research Development on 5th March, 2022. Dr. P Neeraja, Assistant Professor, Department of Chemistry, Govt. Arts and Science College, Hosur was the resource person. Miss Mohanapriya welcomed the gathering. Mrs.Angeline Mary, Assistant Professor, Sacred Heart College introduced the resource person. The resource person gave encouraging examples from her experience and advised the students to be a self- motivator on research. She highlighted the challenges commonly faced during the research work and gave suggestion to solve the problems. She explained the steps involved in carrying research. She also discussed the importance of research and its outcomes to mankind in the future era. About 40 participants attended the invited talk. The session concluded with the questions raised by both staff and students. The vote of thanks was proposed by Miss S.Jemimah Lims, II M.Sc., Chemistry.

INVITED TALK ON VISIBILITY OF CLASSICAL AND QUANTUM PHYSICS



The PG & Research Department of Physics (Shift II), Sacred Heart College (Autonomous) organised a lecture titled Visibility of Classical and Quantum Physics on 09th March, 2022. It was delivered by one of the prominent scientist in the world in the field of "Materials" Dr. L. John Kenndey, Professor, Physics Division, School of Advanced Sciences, VIT University, Chennai. Master Ezhilarasan, II M.Sc., introduced the speaker. The resource person addressed the gath-

ering on Bose Law with an example of human breathing process followed by the derivation of classical wave. He explained the fundamentals of quantum and classical mechanics. He elaborated on the Tunneling effect, Heisenberg uncertainty principle, and the benefits of electromagnetic waves. He also explained how physics works in day to day life with simple and elegant examples. Rev. Dr. G. Theophil Anand, Vice Principal, Administration (Shift-II) coordinated the event.

LEAP 2022

The Department of Physics (Shift I & II) organized 'LEAP 2022' (Learn Excellence Adventure in Physics) on 19th March, 2022. During the inaugural session, the welcome address by Mr. Thirupathi, Head, Department of Physics (UG – Shift II). The inaugural address was given by Dr.Albert Irudhaya Raj, Head, Department of Physics (Shift-1). The vote of thanks was proposed by Rev. Dr. Gandhi Kallarasan SDB. Competitions like: speech competition, singing, uniform dance, mems, dumb charades were conducted for the students. They were divided into six teams namely: Mars, Mercury, Venus, Autumn, Spring and Summer. All the competitions were related to Physics. The first place was won by the team Spring followed by Autumn and Mars respectively.

CHEMFEST 2022



The PG and Research Department of Chemistry (Shift II), Sacred Heart College (Autonomous), Tirupattur in association with RUSAC organized 'Chemfest 2022' on 18th March, 2022. During the inaugural session Dr. S. Xavier Raja Rathinam, Head, Department of Chemistry, Sacred Heart College Autonomous, welcomed the gathering. The inaugural address was delivered by Rev Dr. D. Maria Antony Raj SDB, Principal, Sacred Heart College, (Autonomous), Tirupattur. Dr. K. Geetha, Associ-

ate Professor & Head, Muthurangam Government Arts College, Vellore, Dr. Venkataraman Dharuman, Assistant Professor, Department of Bioelectronics and Biosensors, Alagappa University, Karaikudi and Mr. A. G. S Neelagaantan, Technical Officer, CIPET, Institute for Petrochemicals (IPT), Guindy, Chennai were the chief guests of the event. Dr. V. Collins Arun Prakash, Head, PG Department of Chemistry introduced the chief guests. The students and staff paid homage to the deceased RUSAC members Dr. Poornanathan and Dr. Vijayakumar who were its pillars. There were two sessions during

the fest. The first session was addressed by Dr. Geetha. She highlighted the steps to solve the spectroscopic problems. She also discussed the importance of the clearing CSIR JRF/ NET. The second session was handled by Dr. V. Dharuman, Assistant Professor, Department of Bioelectronics and Biosensors, Alagappa University, Karaikudi. He highlighted the importance and applications of Nanomaterials in the field of biosensors. Various events for the students were conducted:



just a minute, guess me, chem-connections, quiz, odd-one out and poster presentation. The valedictory session was presided over by Rev. Dr. John Alexander, SDB Rector & Secretary, Sacred Heart College (Autonomous), Rev. Dr. Praveen Peter, SDB, Vice-Principal & COE, Sacred Heart College (Autonomous), Tirupattur distributed the prizes. About 100 participants attended the fest. The programme concluded with the words of gratitude by Master Michael Raj, II M.Sc., Chemistry.

NATIONAL WORKSHOP ON DATA ANALYTICS USING ADVANCED EXCEL



The Department of Commerce (CA) organized a three days "National Workshop on Data Analytics using Advanced Excel" on 29th, 30th and 31st, March 2022. The workshop aimed to introduce students the nuances of Data Analytics using advance Excel. The felicitation address was delivered by Rev. Dr. K.A. Maria Arokiaraj, Additional Principal, Shift–II. Mr. B. Berty Roy, Assistant Professor, Department of Commerce (CA) deliv-

ered the welcome address and Mrs. C. Dharmadevi, Assistant Professor, Department of Commerce (CA) introduced the resource person. Dr. Rahul Gupta, Senior Trainer, E& ICT Academy, IIT Kanpur and Rank 1 Microsoft Certified Trainer was the resource person. The online demonstration was held on the following topics: Using Formulas with Multiple Operators, Defining and Managing Names, Ranges, Auto Calculation and Manual Calculation, Logical, Data & Time Functions, Sorting, Custom Sorting, Data Filters & Advanced Filtering, Text Functions, Lookup and References, Picture Lookups, Pivot Tables, Pivot Charts, Dashboard with Pivot. The vote of thanks was proposed by Dr. Valarmathi, Assistant Professor, Department of Commerce (CA). About 100 students attended the workshop.

WORKSHOP ON CSIR-JRF/NET

The PG and Research Department of Physics (Shift-II) organized a workshop to crack CSIR – JRF/NET in Physics for the II PG students between 10th and 12th March, 2022. The inaugural function started at 09:00 a.m. in the Oasis Hall. Dr.M.Jose, Head (PG), Department of Physics welcomed the gathering. Rev.Dr.G.Theophil Anand, Vice Principal, Administration (Shift-II) gave the inaugural address; in his speech he insisted the importance of clearing CSIR examination. Dr.S.A.Martin Britto Dhas, Assistant Professor, Department of Physics introduced the resource person Dr.N.Meenakshisundaram, Assistant Professor, Department of Physics, Vivekananda College (Autonomous), Madurai. The resource person spoke about the various funding agencies and the ways to get into central universities.



He also trained the students in Part-A of CSIR paper. About 23 PG students were benefited from the workshop. Mr.D.Raj Kumar, Assistant Professor, Department of Physics coordinated the workshop.

WEBINAR ON WORKING WITH CLOUD

The UG Department of Computer Applications (Shift II) organised a workshop on Working with Cloud on 19thMarch, 2022. Cloud Computing is the recent technology which provides numerous services with respect to storage and processing for social media, online applications and various sectors. Accordingly it creates job opportunities in creating and ac-

cessing the Cloud Platforms in IT Sectors. The workshop gave exposure about Cloud Platform, Cloud Service Providers and Industrial Expectations from IT professionals. The II and III UG students of BCA were the beneficiaries of the webinar. Miss. R. Kaviya, II BCA welcomed the dignitaries and participants. Mrs. C. Dharmadevi, Assistant Professor,



Department of Computer Applications introduced the resource person Mr. S. Shri Harsha, Lead Software Engineer. Mr. A. John Martin, Head, Department of Computer Applications



thanked the resource person. The resource person elaborated on the following key concepts: how cloud helps in online transactions, cloud marketing, an organization without cloud computing, what is data center visualization, excess computing capacity, what is cloud?, essential characteristics, types of cloud, service models with comparison, SaaS, PaaS, IaaS, hands on - creating

free cloud storage in AWS cloud storage, hosting a website using the cloud storage and access it respectively. The vote of thanks was proposed by Master D. Ajay.

தொலைக்காட்சி நிகழ்ச்சி

நம் கல்லூரியின் தமிழ்த்துறை உதவிப்பேராசிரியர் முனைவர் ஆ. பிரபு வசந்த் தொலைக்காட்சியில் "**மண் பேசும் சரித்திரம்**" என்ற நிகழ்வில் பங்கேற்று திருப்பத்தூர் மாவட்டத்தில் தாம் மேற்கொண்ட ஆய்வுகள் குறித்தும்; நமது தூய நெஞ்சக் கல்லூரி நூலகத்தில் உள்ள தொல்லியல் காட்சியகம் குறித்தும் விவரித்தார். தொடர்ந்து 5வாரங்கள் ஞாயிற்றுக்கிழமை மாலை 4.30க்கு இந்நிகழ்வு ஒளிபரப்பாயின.



NATIONAL LEVEL IT SYMPOSIUM- SAIT'22



The Department of Computer Applications (Shift II) organized a National Level IT Symposium "SAIT'22" on 24th March, 2022. It is a platform to showcase the participant's technical skills in the field of computer science and information technology. About 407 participants from 21 colleges along with their faculty members registered for the events. Rev. Dr. K.A. Maria Arockiaraj SDB, Additional Principal was the chief guest. He emphasized the importance

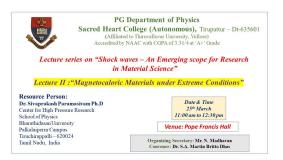
of IT during pandemic period and urged the audience to acquire technical skills to meet the difficulties of the IT industry. Mr. A. John Martin, Head, Department of Computer Ap-

plications honored the chief guest. During the valedictory session Rev. Dr. S. John Borg, Head, PG Department of Mathematics (Shift – II) congratulated and appreciated the organizers and participants from various colleges for their active participation. He distributed the prizes to the winners and certificates to the participants. Auxilium College for Women, Vellore won the overall championship. Mrs. C. Dharmadevi, Assistant Professor, Department of Computer Applications proposed the vote of thanks.



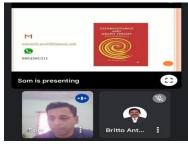
INVITED TALK ON MAGNETOCALORIC MATERIALS UNDER EXTREME CONDITIONS

The PG & Research Department of Physics (Shift II), Sacred Heart College (Autonomous) the second lecture of the lecture series on "Shock Wave - An Emerging Scope for Research in Material Science" was held on 25th, March 2022. The Lecture II titled "Magnetocaloric Materials under Extreme Conditions" was delivered by Dr. Sivaprakash Paramasivam, Center for High Pressure Research, School of Physics, Bharathidasan University, Trichy. Mr. N. Madhavan, Assistant Professor, Department of Physics welcomed the gathering. Dr. M Jose, Head (PG), Department of Physics introduced the resource person. Dr. S.A. Martin Britto Dhas honoured the resource person with a memento. Dr. Sivaprakash Paramasivam in his lecture elaborated the basic concepts for better understanding. He explained various methodologies and trends in the field, application on tools and analysis and his current project findings.





WEBINAR ON GRAPH THEORY



The P.G. and Research Department of Mathematics (Shift II), Sacred Heart College (Autonomous) organized a webinar titled "Graph Theory – Introduction and Some Applications" on 4th March, 2022. Dr. T. G. Gerly, Assistant Professor, Department of Mathematics (Shift-II) introduced the resource person. Dr. Somnath Paul, Assistant Professor, Department of Applied Sciences, Tezpur University, Nappam, Sonitpur, Assam was the resource person. The resource person focused on the basic concepts of Graph Theory and its real-life applications such as

finding shortest distance using different types of graphs. The III UG and II PG students actively participated in the webinar.

INVITED TALK ON INTRODUCTION TO DATA LITERATURE



The PG and Research Department of Mathematics (Shift-II) in collaboration with the Institute of Mathematical Sciences and Homi Bhabha Centre for Science Education organised an invited talk on 9th March, 2022. The resource persons were: Dr. R. Ramanujam, Professor, Theoretical Computer Science, The Institute of Mathematical Sciences, Taramani, Chennai and Dr. K. Subramaniam, Professor, Homi Bhabha Centre for Science Education, Mankhurd,

Mumbai. Dr.S. U. Vasantha Kumar, UG Head (Shift II) and Rev. Dr, S. John Borg, PG Head(Shift II) introduced the resource persons. Dr. M. Antony Arokiasamy, Assistant Professor, Department of Mathematics (Shift-I) and Dr. B. Chandrasekar, Assistant Professor, Department of Mathematics (Shift-II) honoured the guests with a memento. Dr. R. Ramanujam shared his thoughts on the applications of mathematics in data science and Dr. K. Subramaniam gave an introduction to data literature. The III UG and II PG students attended the event.

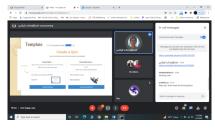
SPECIAL LECTURE ON LOVE AND INTIMACY

The P.G. and Research Department of Mathematics (Shift-II) organized a special lecture titled 'Love and Intimacy' on 11th March, 2022 for the under graduate students. Rev. Dr. S. John Borg, P.G Head, Department of Mathematics (Shift -II) introduced the resource person Rev. Dr. I. Joe Sanjay, Head, Department of Counselling Psychology, Sacred Heart College. Dr. S. U. Vasantha Kumar, UG Head, Department of Mathematics (Shift-II) honoured the resource person with a memento. The objective of the program is to



build a mature outlook towards love and intimacy among the students. Rev. Dr. I. Joe Sanjay motivated the students with few brainstorming activities and interacted with the students. The students gained many basic concepts to build a mature and meaningful relationship.

NATIONAL WORKSHOP ON ONLINE QUIZ TOOLS



The National Virtual Workshop on Online Quiz Tools was organized by the PG Department of Computer Science on 05th March, 2022. Dr. R. Denis, Assistant Professor, PG Department of Computer Science introduced the resource person. Mrs. M. Poovizhi, Assistant Professor, PG Department of Computer Science, was the resource person. She demonstrated various online guiz tools like: WordWall, Pro-

profs, Quizizz, Kahoot, JetPunk, Quibblo and Poll Everywhere to create quiz and conduct examination. Dr. S. Sagayaraj and Dr. R. Denis, PG Department of Computer Science, coordinated the event. About 69 faculty and students from various institutions attended the workshop.



LOGIN 2022

The PG Department of Computer Science, Sacred Heart College (Autonomous), Tirupattur, organized an Intra-Departmental IT Meet LOGIN' 2022 on 25th March, 2022. The following events were conducted: Tech Talker, Brain Blazer, Cyber Blabber and Code Master. Dr. R. Denis, Assistant Professor, PG Department of Computer Science, coordinated the events along with the faculty and students of the department.

WORKSHOP SERIES LECTURE ON "AIR CARGO MANAGEMENT"



The Department of Commerce (Shift I) organised a lecture as part of its Golden Jubilee Lecture Series on 7th March, 2022. The resource person Dr. M. Saravanan, Associate Professor, International Business, PSG College of Arts & Science, Coimbatore addressed on the topic "Air Cargo Management". In his lecture he elaborated on the management of carriage of goods by Air. He also explained the various types of Aircrafts utilized for Air Cargo. About 120 students actively participated by interacting with the resource person.

WORKSHOP ON "LEADERSHIP SKILLS"

A workshop was conducted by the Department of Commerce as part of its Golden Jubilee Lecture Series on 23rd March, 2022. Mr. G. Mahendra, Assistant Professor, Accounting & Taxation, Head, Department of Commerce, Shree BSS GFGC, Gajendragada, Karnataka was the resource person. In his lecture he explained why leadership skills are important for a great life. He also explained how to build leadership skills with video presentation and demonstration. The students actively participated in the workshop.



PSYCH EXPO 2022



The Department of Counselling Psychology, DB Extension Centre, Counselling Centre and the Fullness of Life Club, Sacred Heart College (Autonomous) collectively organised the 'Psycho Expo' on 25th and 26th February, 2019. The objective of the expo is to provide the platform and unlash the potential of the students by showcasing their knowledge and spreading the awareness towards the importance of mental health among the student community. The inaugural

ceremony was graced by Rev.Dr. John Alexander, Secretary, Rev Dr. Maria Antonyraj, Principal, Dr. Joe Sanjay, Head, Department of Counselling Psychology, Rev Fr. Selvaraj, Rev. Sis. Anthoniammal and Ms. Latha Munuswamy, Staff of the respective departments and the Students of Counselling Psychology and Fullness of Life Club members respectively. There were 12 stalls and the exhibits comprised of novel models and charts based on the various as-



pects of Psychology like: Emotions, Counselling, Psychologi-



cal Games, Development Stages, Abuse, Addiction, Motivation, Love and Relationships, Science of Human Body- Sexuality, Multiple Intelligence, Physical, Mental Health, Happiness and Memory. The valedictory function witnessed the presence of Rev Fr. Ambrose, Department of Social Work; he distributed the

participation certificates and congratulated the students for their hard work. The expo was visited by more than 2000 students from Sacred Heart College and around 1000 students from the neighbouring schools.

CSR FUNDED EDUCATION PROGRAMME IN 20 GOVERNMENT SCHOOLS



The Department of Extension Education and Services (DEEDS), headed by Fr.S.Henry Daniel Ambrose SDB collaborated with various Government and Non-Governmental and Industries organized a CSR funded

(Schaeffler India Limited, Hosur) 3 crores worth education project in 20 government schools in Hosur, reaching out to more than 5600 children. Project through the titled "Learning Outcome Improve-



ment Project". Popularly called "School to Career (S2C) Project", the programme is aimed to improve the quality of learning in the Education offered. The Project has 20 Resource Persons and 3 Mentors.

INVITED TALK ON NEED FOR ENVIRONMENTAL AWARENESS



Eco Club (Shift II), Sacred Heart College (Autonomous) organized an invited talk titled 'Need for Environmental Awareness" on 15th March, 2022. Dr. Pon Selvakumar, Head, Department of Tamil was the resource person. He addressed the gathering on the inter relationship between nature and its creatures. He listed out various incidents like Thoothukudi Copper Factory, Thanjavur Gail Project, Neutrino Project and

their impacts. Added to this, he also revealed that many animals like 'Alungu', birds, small insects are getting extinct due too much of mobile usages, current life style and selfishness human beings. He highly insisted that nature is the human savior. If we start destroying it, we need to face new problems, get new type of diseases, unbalanced climatic condi-



tions, etc.; He concluded his talk with the expectation from the young generation that they should save the cycle of the Eco system to lead a peaceful, happy and successful life.

INVITED TALK ON LIFESTYLE AND FOOD HABIT IN PARANORMAL / SIDDHA MEDICINE



The National Service Scheme (Shift II), Sacred Heart College (Autonomous) organized an invited talk titled "Lifestyle and Food Habits in Paranormal / Siddha Medicine" on 25th Nov, 2021. The event aimed to create awareness about Siddha Medicine and to impart the significance of food habits and lifestyle needed for the current generation. Dr. V. Vikram Kumar MD(S), Assistant Medical Officer, Andiappanur Primary Health Care was the resource person. The chief quest ex-

plained the drawbacks in current food habits and life style. He highlighted and insisted the healthy practices to be followed to the students. Mrs. C. Dharmadevi, President, Eco Club, Dr. B. Seenivasan, President, NSS and the student volunteers of NSS and Eco Club attended the event.

மாணவர் விவாத அரங்கம்

தமிழ்த்துறையின் வீரமாமுனிவர் தமிழ் மன்றத்தின் சார்பில் 'மாணவர் விவாத அரங்கம்' 16.03.2022 அன்று முற்பகல் 11.30 மணி முதல் 1.15 மணிவரை கரேஞோ அரங்கத்தில் நடைபெற்றது.

'இணைய வழிக் கல்வி' என்பது நெருக்கடி நிலையில் தற்காலிகத் தீர்வாக இருக்கிறது, கற்றலை உலகமயப்படுத்தியிருக்கிறது, கற்றலை எளிதாக்கியிருக்கிறது, கற்றலின் மகத்துவத்தைக் கேலி செய்கிறது, ஆசிரியரையும் மாணவரையும் அந்நியப்படுத்தியிருக்கிறது என்ற தலைப்புகளில் விவாதம் நடைபெற்றது.

திருமதி ஸ்டெல்லாராணி, ஆசிரியர், அரசு மகளிர் மேல்நிலைப்பள்ளி, புதுப்பேட்டை அவர்கள் மாணவர்களின் விவாதங்களை நெறிப்படுத்தினார்.

பத்து மாணவர்கள் விவாதத்தில் பங்கேற்று உரையாற்றினர்.

நிகழ்வினைத் தமிழ்த்துறை உதவிப் பேராசிரியர் முனைவர் கி.பார்த்திபராஜா ஒருங்கிணைப்புச் செய்தார்.

COMMUNE 2022

The Department of Computer Science, Sacred Heart College (Autonomous), Tirupattur, organized an Intra Departmental IT Fest for the UG students between 3rd March and 14th March, 2022. Various technical events namely: Geek Speak, Connexion, Photobie, Web Smarts, Techie Talk, Clash of Coders, Media Mirchi, Techno Freak and Star of Commune. In view of Commune Workshops on the topics: Wordpress, Google tools and Laravel were conducted for the UG Students of the both the shifts. The I UG students had their Workshop on Word-



press by the resource person Mr. N. Sakthivel, Asst Professor, Computer Applications (PG), Adhiyamman College of Engineering, Hosur. The II UG students had their Workshop on Google tools by the resource person Dr. J. Merlin Florrence, Asst Professor, Computer Applications (UG). The III UG students had their Workshop on Laravel by the resource person Mr. J. Jesu Raj, Software Engineer, Smart Print Technologies, Chennai along with Mr. John Benetic, Research Scholar, Computer Science, Sacred Heart College (Autonomous). The Valedictory function was conducted on 22nd March, 2022. Rev. Dr. Praveen Peter, COE and Vice Principal Shift-I (Admin) was the chief guest for the function. He delivered the valedictory address and distributed prizes to the winners. The cash awards and certificates were distributed to the winners of all the nine events. The event was organized and coordinated by the Presidents of both shifts Mr. C. Sathishkumar and Mr. M. Serlinraj respectively.

நான் முதல்வன்



பள்ளி, கல்லூரி மாணவர்கள் மற்றும் இளைஞர்களுக்கான திறன் மேம்பாட்டுத் திட்டம் தொடக்கவிழா



நான் முதல்வன் உலகை வெல்லும் இளைய தமிழகம் – பள்ளி, கல்லூரி மாணவர்கள் மற்றும் இளைஞர்களுக்கான திறன் மேம்பாட்டுத் திட்டம் 01.03.2022 அன்று சென்னை கலைவாணர் அரங்கில் மாண்புமிகு தமிழக முதல்வர் அவர்களால் தொடங்கி வைக்கப்பட்டது. இந்நிகழ்ச்சி நமது தூய நெஞ்சக் கல்லூரியிலும் காமராசர் அரங்கில் ஒருங்கிணைக்கப்பட்டது. இந்நிகழ்ச்சிக்குக் கல்லூரி முதல்வர் அருட்திரு முனைவர் தா. மரிய ஆண்டனிராஜ் ச.ச., அவர்கள் தலைமை வகித்தார்.

சென்னையில் இருந்து நேரலையாகக் காணொலி வாயிலாக முனைவர்வெ. இறையன்பு இ.ஆ.ப, தலைமைச் செயலர் அவர்களின் உரையை மாணவர்கள் கேட்டனர். மாண்புமிகு தமிழ்நாடு முதலமைச்சர் மு.க. ஸ்டாலின் அவர்கள் நான் முதல்வன் திட்டம் என்னுடைய கனவு திட்டம் என்பதைக் கூறி இத்திட்டத்தின் நோக்கம், மாணவர்களின் எதிர்காலப் பயன் உள்ளிட்டவற்றை விளக்கமாக

கூறியதைக் கேட்டு, மாணவர்கள் இத்திட்டத்தின் பயனை உணர்ந்தனர். முதலமைச்சரைத் தொடர்ந்து பல ஆளுமைகள் இந்நிகழ்வில் உரையாற்றினர். காணொலி உரைக்குப் பிறகு தூய

நெஞ்சக் கல்லூரியில் ஏற்பாடு செய்யப்பட்ட 3 சிறப்பு விருந்தினர்களின் உரைகள் இடம் பெற்றிருந்தன. அரசியலமைப்பு சாசனம் சந்திக்கும் சவால்கள்" என்னும் தலைப்பில் தூய நெஞ்சக் கல்லூரியின் வரலாற்றுத்துறைத் தலைவர் முனைவர் தா. லெஸ்லின் அவர்களும்; ''பெண் விடுதலை" என்னும் தலைப்பில் தமிழகத் திராவிடர் கழகத்தின் பொருளாளர் திருமதி. அகிலா எழிலரசன் அவர்களும்;

''தலை நிமிரும் தமிழகம்" என்னும் பொருண்மையில் தமிழ்த்துறை உதவிப் பேராசிரியர் முனைவர் கி. பார்த்திபராஜா அவர்களும் உரை நிகழ்த்தினர். நிகழ்வை துணை முதல்வர் அருட்திரு முனைவர் பிரவீன் பீட்டர் ச.ச., அவர்கள் ஒருங்கிணைப்பு செய்தார். முனைவர் க. மோகன்காந்தி அவர்கள் தொகுப்புரை வழங்கினார்.



'இந்திய

NATIONAL WORKSHOP ON COMPUTER AIDED DESIGN & COMPUTER AIDED MANUFACTURING



The Sacred Heart Institute of Management Studies (SHIMS), Department of Management Studies, Sacred Heart College (Autonomous) organised a virtual workshop on Computer Aided Design & Computer Aided Manufacturing on 28th March, 2022. Rev. Dr. Sajan M George, Director, Don Bosco Technical Institute (DBTI), New Delhi was the resource person. The welcome ad-

dress was delivered by Dr. Sasi Kumar, Head, Department of Management Studies and Rev Dr.Angelo joseph introduced the chief guest. The resource person addressed the students on the topic: time, quality and costs. He elaborated on CAD & CAM, explained its importance in the industry. He also interacted with the students, clarified their queries and received feedback. About 100 students from various colleges of Management Studies attended the event.

AICTE WOMEN'S DAY CELEBRATION



The International Women's Day - a gesture of celebrating the womanhood worldwide was celebrated by the AICTE women cell on 7thMarch, 2022. Events like: Flash mob, Signature campaign, Programme for women, Seed ball making were conducted. The programme was initiated by Rev.Dr.D.Maria Antony Raj, Principal & Director, PG Department of Business Administration. Rev.Dr. Angelo Joseph motivated the students for taking up the initiative and encouraged them. Dr. S. Sasi Kumar, Head, PG Department of Business Administration and Dr. A. George Louis Raja, Head, PG Department of Computer

Application also wished the students for the same. The flash mob took place in five different places of Tirupattur. The town police gave protection to the students throughout the programme and helped the students in executing their plan. The second part of the pro-

gramme was signature campaign with an idea of making both men and women students of the college to take up pledge relating to women equity. The third part of the programme was for the women folks of the college. The programme was conducted in an informal way accommodating space for the AICTE women to exhibit their various talents. Games and activities were conducted under the guidance of Dr.R.Arockiamary and Dr.Saravana Priya. The programme created vibes among the students and made their celebration meaningful. At the end, the women were involved in seed ball making as an initiative to disseminate the message on the importance of eco friendliness and going green, among the public.



NATIONAL WEBINAR ON SPECTROSCOPY AND ITS APPLICATIONS IN ENVIRONMENTAL



The National Webinar on 'Spectroscopy and its Applications in Environmental Studies' was organized by the Department of Physics, Sacred Heart College (Autonomous) on 12th January, 2022. Dr. A. Chandrasekaran, Assistant Professor, Department of Physics, SSN College of Engineering, Chennai was the resource person. He is an active researcher and has

96 publications in reputed international journals and received young scientist award in the year 2018. Dr. A. Albert Irudayaraj, Head, Department of Physics, welcomed the resource person. Mr. G. Jayakumar, Assistant Professor, Department of Physics introduced the resource person. Dr. Chandrasekaran in his lecture explained the basic theory of five different spectroscopic techniques like UV-Visible spectroscopy, FT-IR spectroscopy, Gamma ray spectroscopy, X-ray fluorescence spectroscopy and Raman spectroscopy and their applications in analyzing environmental samples. The vote of thanks was proposed by Mr. Rahul, Research Scholar, Department of Physics. Feedback was collected and e-certificates were issued to all the participants. About 213 members attended the webinar.

NATIONAL WEBINAR ON "E-COMMERCE AND MOBILE COMMERCE-OPPORTUNITIES AND CHALLENGES"



The PG Department of Commerce (Shift-II) organized the National Webinar titled "E-Commerce and Mobile Commerce– Opportunities and Challenges" on 10th January, 2022. The welcome address was delivered by M. Sangeetha, Assistant Professor, Department of Commerce. Dr. K. Anbalagan Head (PG), Department of Commerce introduced the resource person. Dr. J. M. Velmurugan, Assistant Professor, Department of Commerce, Tamil Nadu Dr. Ambetkar Law University, Chennai was

the resource person. He shared his knowledge with the participants, about the opportunities and challenges in E-Commerce and Mobile Commerce. The vote of thanks was proposed by Dr. A. Sankar, Assistant Professor, Department of Commerce. About 107 participants attended the webinar.

SCIENCE FEST – 2022



The PG & Research Department of Biochemistry, Sacred Heart College (Autonomous) celebrated the National Science Day on 28th February, 2022. The objectives of this programme were to provide a platform for the students to prove their talents, to bring out their creativity, to face challenges and to overcome their weaknesses. The staff mem-

bers emphasized on the role in widely spreading the significance of scientific application in our daily life. Students participated with enthusiasm in the oral presentation, poster presentation, herbal product, and science fair. The science fest was inaugurated and judged by Dr. R. Jude Vimal Michael, Assistant Dean-Research and Assistant Professor, Department of Chemistry, Sacred Heart College. The event enriched the students with ideation, research, and application of the different facets of science.

ROAD SAFETY AWARENESS CAMPAIGN



The National Service Scheme (NSS) and Youth Red Cross (YRC) Shift-I, Sacred Heart College (Autonomous), Tirupattur, in collaboration with Tirupattur District Police organized a "Road Safety Awareness Campaign" on 25th January, 2022 at College Main Entrance. The programme began with the welcome address given by Dr. R. Kurinji Malar, YRC President,. Delivering the presidential address, Rev. Dr. D. Maria Antony Raj SDB, Principal, urged the students and public to follow safety measures

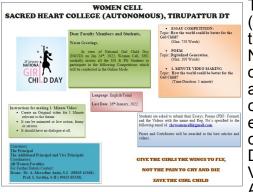
given by the Tamil Nadu Police. Speaking on the occasion, Mrs.Mangayarkarasi, Inspector of Police, Jolarpet, enumerated a list of safety measures needed such as: helmet - both for rider and pillions, moderate speed, avoiding alcohol and cell phone while driving. Rev. Dr. D. Maria Antony Raj SDB and Mrs. Mangayarkarasi inaugurated the campaign by awarding the bike riders who used helmet with a pen and earnestly appealed others without helmet to wear helmet by sticking a logo in Tamil "Wearing Helmet Saves Life" on the bonnet of the bikes. Mr.

Devendren, Inspector of Police, Khandili also joined the campaign and encouraged the students. The NSS and YRC volunteers along with staff followed the campaign. Dressed as "Yemen" (God of Death) two volunteers Poovarasan and Pavan Kumar warned the bikers without helmet of risking their lives and inviting death, in a comical way. All the other volunteers stood along the road with the placards in hands depicting the road safety slogans in



Tamil and created awareness. The programme was coordinated by NSS Programme Officers: Dr. M. Antony Arockiasamy, Dr. G. Mohan Gandhi, Dr. U. Ramesh and YRC President, Dr. R. Kurinji Malar. The whole programme was conducted strictly adhering to the SOP prescribed by the Tamil Nadu Government. About 50 volunteers, faculties and police personnel actively participated in the noble campaign.

NATIONAL GIRL CHILD DAY



Women Cell. Sacred Heart The College (Autonomous), Tirupattur conducted virtual competition for the students of the institution to celebrate the National Girl Child Day on 24th January, 2022. Various competitions like: essay writing, poetry writing and 1-minute video making on significant topics were conducted. The students actively participated in the events and they were awarded with prizes and certificates. Rev. Dr. D. Maria Antonyraj, Principal, Rev. Dr. K. A. Maria Arokiaraj, Additional Principal and the Vice Principals (Shift I & II) convened the program. All women faculties were the coordinators of the

same. The events created awareness about the rights of a girl child and on the importance of girls' education, health and nutrition.

Congratulations to the Staff on Successfully Completing Ph.D



Rev. Dr. Angelo Joseph Assistant Professor Department of MBA



Dr. K Saravana Priya Assistant Professor, Department of MCA



Dr. A Bento Devaraj Director, Department of Physical Education



Dr. A George Louis Raja Head PG Dept. of Computer Applications



Dr. A Prabu Assistant Professor Dept of Tamil

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