

Sacred Heart Times

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SACRED HEART COLLEGE

(A U T O N O M O U S) T i r u p a t t u r

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Dear Readers,

As we come to the end of another academic year, I want to take a moment to think back on everything we have accomplished. This year has been unlike any other due to its distinct opportunities and challenges. But despite everything, we persisted in acquiring and expanding knowledge.

To mention a few notable recent events which took place in the college, I'd like to highlight the Sacred Heart College Annual Alumni Day, which was attended by approximately 350 prominent alumni, St. John Bosco Feast, 72nd College Day, Retirement of three dedicated faculty, SHYIA Programme, Val- ediction of Associations, Fine Arts, Groups & Movements, Job Fair and Women's Day. I am so proud of each and every one of you for your commitment, your dedication to your objectives, and your fortitude in the face of difficulty. Each one has exemplified what it means to be a real leader, a team player, and had been an important part of our college community.

I recently had the opportunity to visit a college in Telugana district, where I met someone who inspired me with the outcome of following his passion. Passion is a powerful force that drives us to explore new ideas, take risks, and push beyond our limits. It fuels our creativity, inspires our curiosity and motivates us to achieve our goals. When we follow our passions, we experience a sense of fulfilment, joy, and excitement that transcends the everyday routine.

Keep in mind that life is too short to spend doing things that make you unhappy or meaningless. Each one has the power to change the world, and the key to realize that potential is to follow your passion. So go forth with courage, curiosity, and passion for life.

Hence, I encourage each one of you to find your passion in life, whatever that may be. It could be a hobby, an interest, a talent, or a cause that resonates with your values and aspirations. When you discover your passion, pursue it with enthusiasm, dedication, and a growth mindset. Take the time to learn, practise, and develop your skills, and seek out opportunities to share your passion with others.

Honourable Dr. Justice Dhananjaya Y Chandrachud, The Chief Justice of India, recently in an interview discussed the importance of making quality decisions in this democratic country, which is very appropriate to share with the readers. Making quality judgements involves critical thinking, analysis, and evaluation. We must weigh the advantages and disadvantages of our options and determine the possible effects of our decisions. It also entails having an open mind, being observant, and being eager to absorb new information.

To make quality judgements, it is important to develop analytical skills, such as observation, questioning, and reasoning. Remember that making quality decisions is not always easy, and it may necessitate taking risks, challenging assumptions, and stepping outside of one's comfort zone. However, it is an important skill that will help to make good decisions, solve problems, and achieve one's goals throughout your life.

As we navigate through life, we will encounter countless situations that require to make decisions and judgements. Some of these choices will be easy and straightforward, while others will be more complex and challenging. But regardless of the situation, it is important to make quality judgements that reflect our values, beliefs, and goals.

A special message to all the graduating students, kindly remember that you are all capable of great things, and your potential is limitless. So, embrace the challenges that lie ahead and always remember that we are here to support you every step of the way.

I thank each and every one who was part of this educative community in making this academic year a successful one and I wish everyone, all the best in the forthcoming examinations.

God Bless Sacred Hearts

A handwritten signature in green ink, appearing to read 'D. Maria Antony Raj SDB', written over a horizontal line.

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

The 72nd College Day



The 72nd College Day Celebration of Sacred Heart College was held on 27th February, 2023. Shri Narasimhan Ram, a Padma Bhushan award-ee and former Editor-in-chief of The Hindu, Whole-Time Director of Kasturi and Sons Ltd, was the Chief Guest. In his presidential address, he spoke on the topic "Thinking India: The Role of Young People in Nation Building". In his introductory address, he said that the quality of education is determined by incorporating new practices and the attitude

of the faculty towards quality teaching. He was anxious about the students of today as they are lacking soft skills. Further, the relationship with the community, in particular the rural, setting standards, opening opportunities and providing access to the poor and non-privileged families and setting admission standards are the factors that explain the success of an institution. By providing scholarships, Tamil Nādu has become a leading state in education across India. He said that the gross enrolment ratio is high in Tamil Nādu. Currently it is 52 percent in Tamil Nādu and 22 percent overall India.

The chief guest in a conversation with Rev. Dr. John Alexander, Rector and Secretary and Dr. K. Parthibaraja, Assistant Professor of Tamil discussed the current political and social issues in the society. Speaking about the Indian Constitution he said that, it is the oldest and it cannot be altered easily. He expressed his apprehension on the constitution being in danger because of political implications. He said that most laws are questionable. The unlawful prevention act is an example of how those who are innocent become victimized. He said that the Indian constitution is good but not perfect. He also answered questions asked on the appointment of the governor being politicized and the censorship of social media. Likewise, he answered the questions posed by two students.

Rev. Fr. Francis Bosco, SDB, Director, Don Bosco Migrant Services, Chennai, delivered the College Day address on the topic "Rights and Well-being of Young Migrants in India." He discussed the problems of Contract Labour Act. He ruminated that there is no social security. Students need to be aware of it as it is a problem to their parents. Protests have become a part of our life. Therefore, the goal of our education is to be aware of such political issues to safeguard our freedom.



Rev. Dr. John Alexander, SDB, the Rector and Secretary, delivered the welcome address. Rev. Dr. D. Maria Antony Raj, SDB, the Principal, presented the annual report for the year 2022-23.

During the college day ceremony, the honourable chief guest released Puthiya Avayam, an E-Journal that the Department of Tamil began in 2017. It was recently recognized by the University Grants Commission under the UGC Care list, January 2023.



The chief guest honoured the Additional Principal, Administrator, Vice-Principals, Deans, and Heads of various departments with certificates and mementos for their contribution towards the growth and development of the college. Meritorious students received scholarships and medals, and students were honoured for their excellence in studies and extra-curricular activities.

The audience was entertained by dance and medley performances by students, and the Matru Nadaka Iyakkam students staged a skit titled "Ekalaivan."

The occasion was graced by Rev. Dr. K.A. Maria Arokiaraj, SDB, Additional Principal, Rev. Dr. G. Theophil Anand, SDB, Vice-Principal (Admin. Shift I), Rev. Dr. Gandhi Kallarasan, SDB, Campus Minister, Rev. Dr. Sathiyathan, SDB, Administrator, Rev. Fr. Daniel Ambrose, Director of Extension Education & Services, Deans, Heads of the Departments, faculty, and students. The vote of thanks was proposed by Rev. Dr. G. Theophil Anand, Vice-Principal (Admin).

Retirement Function



The retirement function of Dr. S.R. Xavier Rajarathinam, Head, Department of Chemistry, Vice – Principal, Shift – I, and Dr. S. Pon Selvakumar, Head, Department of Tamil was held on 25th, February, 2023. The Secretary Rev. Dr. John Alexander, the Principal, Rev. Dr. D. Maria Antony Raj, the Vice- Principal, the Deans, the Heads of the Departments, teaching and non-teaching staff, students, relatives and friends of the retirees took part in retirement ceremony.

Rev. Dr. John Alexander, the Rector felicitated the retirees to commemorate the wonderful service rendered by both the retirees. Dr. K. Parthibaraja, Department of Tamil, extolled the efforts and service of the retirees on behalf of the teaching, non-teaching staff and the students. The retirees were honoured with mementos by the Rector, staff, students and the alumni. Dr. S.R. Xavier Rajarathinam and Dr. S. Pon Selvakumar, the retirees reflected on their journey that moulded them and fetched the accolades of appreciation. They were nostalgic and quoted reminiscences from their academic life. The Vote of Thanks was proposed by Dr. Kalaiarasi, Assistant Professor, Department of Mathematics.





The Retirement Function of Mrs. Josephine Sagaya Mala, Vice Principal Academics Shift – II was organized on 25th February, 2023. The event started with prayer song headed by Mr. D. Louis Sahaya Henston and team. It was followed by a video presentation about Mrs. Josephine Sagaya Mala's life history. Rev. Dr. John Alexander Rector and Secretary, welcomed the gathering by reporting the highlighted services done by Mrs. Josephine Sagaya Mala. Rev. Dr. Maria Antonyraj,

Principal and Mr. C. Thirupathy, Head, Dept. of Physics felicitated the retiree with a gift. Rev. Dr. K.A. Maria Arockiaraj, Additional Principal Shift-II felicitated the retiree by recalling the excellent services done by her. Mrs. A. Josephine Sagaya Mala gave a special talk on her pursuit in education as a professor. She thanked everyone who helped her to succeed in teaching. Mrs. A. Logeswari, Dept. of Computer Science proposed the Vote of Thanks.



Annual Alumni Day



On January 29, 2023, the Annual Alumni Day of Sacred Heart College was held in the premises of the campus. The members were explained about the Life and Annual Membership. The department-wise meeting began at the Bosco Institute of Social Sciences. The Annual General Body meeting was also held. The alumni association's treasurer, Mr. P.Nicola Prakash, welcomed everyone. The President of the Alumni Association, Dr. S.M. Krishnan, gave the presidential address. The Chief Guest address was given by Rev. Dr. D. Maria Antony Raj, Principal and delegate, Sacred Heart College unit. He gave a statistical presentation on the new facilities enabled in the college. He also narrated a number of success stories of staff and students. The executive members were invited for more creative ways to engage former

students in the future. The Alumni group was then given the opportunity to speak, and the members shared how the college shaped them. Members have also expressed their solidarity with the college. The vote of thanks was proposed by Mr. Thangamani, the former president of the alumni association. Dr. U. Ramesh, the Vice President (Gex), served as the meeting's master of ceremony and expertly presided over the Annual General Body.



Valedictory of Academic Associations, Groups and Movements and Outreach Programme



The Valedictory of Academic Associations, Groups and Movements and Outreach Programme was organised on 24th February, 2023. The programme commenced with a prayer song. The Principal, Rev. Dr. D. Maria Antonyraj, welcomed the chief guest, the faculty and students. He introduced the Chief Guest Dr. T. Mohamed Ilyas, the Principal of Islamiah College, Vaniyambadi. Father in his address urged the students to be consistent, dedi-

cated and service minded. Rev. Fr. S. Henry Daniel Ambrose, Director, Extension Education & Services, presented the Outreach Newsletter report. The activities of various Associations, Groups and Movements, for the academic year 2022-2023, were presented. It was followed by students laying down the insignia, as a sign of their gratitude. Rev. Dr. Gandhi Kallarasan, the campus minister led the prayer service.

Dr. T. Mohamed Ilyas, Principal of Islamiah College, Vaniyambadi, presided over the function. In his address, he shared his experience as a learner in Sacred Heart College. He asked the students to pass on whatever they learn. Since fifty percent of the population in India are youth, the contribution of the youth to the society must be greater. He pointed out that the youth are losing their emotional values and the ability to cope with life. He requested students to remember the following maxim in life: Be honest when you are in trouble, be humble



when you have wealth and be polite when you have power. He reminded the students that, failure is the first step for success and their victory should become history. Prizes were distributed to the students and staff who were office bearers of their respective associations and movements. The Vote of Thanks was proposed by Dr. Prakashraj, Assistant Professor, Department of Commerce.



Feast of St. John Bosco



On January 31st, 2023, the day of St. John Bosco, a thanksgiving Eucharist was held at 11:00 am in the College Shrine. The Holy Mass was attended by the college's Salesian community, the Rector, Rev. Dr. John Alexander, the Principal, Rev. Dr. Maria Antony Raj, the catholic teaching and non-teaching staff, as well as students and well-wishers. The Salesian brothers and Rev. Fr. S. Henry Daniel Ambrose, Director of Extension Education, organized a Housie game

in the DBIS at 12.30 p.m following the prayer service. To the winners, gifts were given. Rev. Dr. John Alexander, wished everyone a happy feast and prayed for them all. A celebratory lunch was served to all.



Faculty Development Programme on Examinations

A One Day Faculty Development Programme on Examinations was organized for the faculty members below five years of experience on 27th January, 2023. The faculty members were given inputs on two important topics. The first session was on the art of setting question paper. It was handled by Dr. S. Sagayaraj, Associate Professor, Department of Computer Science. He gave valuable suggestions on how to set a quality question paper to ensure understanding and learning among students. The second session was handled by Rev. Dr. John Borg, the Controller of Examinations of Sacred Heart College on the salient aspects of the examination manual to be followed in carrying out the question paper setting, invigilation and valuation duties. About 64 faculty members attended the event.



Invited Talk on “Application of Physics in Everyday Life”



The Department of Physics, Sacred Heart College organized the Invited Talk titled “Application of Physics in Everyday Life” on 25th January, 2023. Dr. A. Dhayal Raj, Asst.Prof, Dept. of Physics introduced the speaker Dr.A.Ameer Baig, Vice Principal & Head, Dept. of Physics, St. Joseph’s College for Women, Omalur, Salem. Dr. A. Albert Irudayaraj, Head, Dept. of Physics, felicitated and honoured the speaker with a memento. The speaker in his address explained the basic concepts of Physics in an interesting way. He played a video about the Universe and

the concepts related to Physics were highlighted. The students actively participated in the event.

One Day Basic Training Programme on “Human Rights”



The Department of Social Work (Human Resource Management), Sacred Heart College organised a One Day Basic Training Programme on Human Rights in collaboration with National Human Rights Commission (NHRC) on 03rd February, 2023. Rev.Dr. D. Maria Antony Raj, Principal, Sacred Heart College was invited as chief guest for the inaugural ceremony. In his address he gave awareness on human rights and he stressed the importance of human rights among the students and motivated them to be vigilant,

he also appreciated the department for conducting the training programme. Sacred Heart College is one among the four colleges selected and funded by the commission across Tamil Nadu. Four resource persons were invited for the programme. Mr. Rajaratnam Santhanam, Advocate, Madras High Court. He addressed on the topic “Introduction to Human Rights”. Dr. Sam Deva Asir RM, Assistant Professor, Bishop Heber College, enlightened the students on the topic “Human Rights Institution in India”. Dr. Rex Sahayaraj, Guest Lecturer, RGNIYD, covered the topic “Rights of Women and Children” and Dr. K. Krishnan, Executive Director-FSD, educated on the topic “Rights of other Vulnerable Group”. The students of the Department of Business Administration and the Department of Social Work (HRM) attended the event.



Workshop on “HR Analytics”



The Department of Social Work (Human Resource Management), Sacred Heart College organized a Two-Day Workshop on ‘Human Resource Analytics’ between 27th and 28th January, 2023. The resource person for the workshop was Dr. M. Irudhayaraj, AVP-HR, Nova Techset Ltd, Chennai. The resource person briefed the nuances of HR Analytics through practical session. About 120 students and HR professionals, including students from Kristu Jayanti College, Bengaluru, Don Bosco College, Yelagiri and Don Bosco College, Dharmapuri, Er Perumal Manimegalai College of Engineering and the PG & Research Department of Social Work, Sacred Heart College, Tirupattur attended the event.

Career Guidance Program at Islamiah College for Men, Vaniyambadi



A career guidance program for the BC, MBC & minority hostel students of 10th, 12th and college category was organised on 10th February, 2023 in Islamiah College for Men, Vaniyambadi. Mr. Y. Anand Jeya Prakash, Assistant Professor, Department of Life Education, Sacred Heart College oriented the students. It was presided over by Mrs. G. Sarawathi, Deputy Collector, BC, MBC & Minority Welfare Officer, Tirupattur, Mrs. Revathi, District Employment Officer, Tirupattur and Dr. T. Mo-

hamed Ilyas, Principal, Islamiah College. The program facilitated the students with difference between job and career, clarified the reasons for choosing wrong career, empowered the students with proper career planning and created awareness on online job portals. About 200 students attended the event.

Workshop on Bird Watching

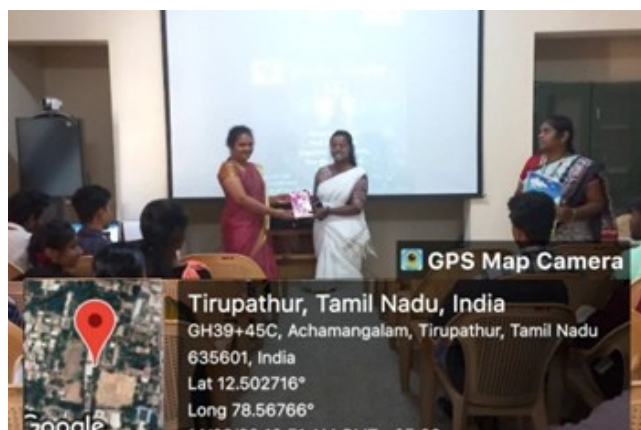


The Workshop on Bird Watching was held on 11th February, 2023. The workshop was jointly organized by Tamil Birders, Don Bosco Green Alliance, PG & Research Department of Social Work, Department of Extension Education and Services, Eco-Club, Sacred Heart College. The workshop aimed to educate the youth on the importance of birds for sustainable environment and the ways to preserve and promote birds. The workshop has created a way for initiating 'Tirupathur Birders Movement'. The sessions were activity based, which included as-

pects like: life cycle of birds, challenges of birds, knowing the types of birds, methods to identify birds' existence, techniques to document the data and photos of birds and online portals for data driven bird count. Rev.Fr. John Alexander, Rector and Secretary, Rev. Fr, Andrews Raja, Head, P.G & Research Dept. of Social Work, Rev.Fr. Henry Daniel Ambrose, Director, Department of Extension Education and Services were present and inaugurated the workshop. Rev. Dr. John Alexander highlighted the initiatives of Sacred Heart College to educate youth to love and care for the nature. Dr. P. Jegannathan, Ms. Angeline Mano, Mr. S. V. Ganeshwar, Ms. V. Kirubhanandhini, Mr. K. Selvaganesh and Mr. Sivakumar from Tamil Birders served as resource persons. About 126 youth actively participated. Dr. Jude Vimal Michael, Dr. Arockiaraj, Mr. Mario Leo Joseph and Ms. Thenmozhi coordinated the workshop.



Invited Talk on Gender Studies



On Feb 14, 2023, the PG and Research Dept. of English (Shift II) organized an Invited talk on Gender Studies. Mrs. J. Mary Jenif. Head (UG), Dept. of English highlighted the dynamics of the day. Ms. U. Anto Maria Eusobia, Asst. Prof, Dept. of English introduced the resource person Ms. Achu John, Asst. Prof, Dept. of English, Don Bosco College, Yellagiri Hills. In her address she explained about feminism and the five waves of feminism. She gave brief information about masculinity.

She mentioned about the famous feminist writers like Mary Wolestonecraft and Virginia Woolf. She highlighted on queer theory, body studies, gender violence and sexuality studies. The III UG and I PG students attended the event.

International Women's Day Competitions' 2022-23

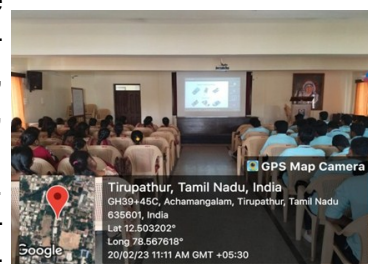


In view of International Women's Day (8th March) the Women Cell of Shift I organized various competitions on 15th February, 2023. Essay & Poem Writing, Drawing and Video Making on the theme of Women Empowerment and Gender Equality were conducted for all the UG girl students of Shift I. About 170 UG girl students actively participated with great involvement and enthusiasm. The event was coordinated by the women staff of the department of Economics, Business Administration, English and

Computer Science. The prize winners were honoured during the Women's Day Celebrations.

Invited Talk on "IoT Applications and Challenges"

The Department of Computer Applications (Shift II), Sacred Heart College organised the virtual talk titled "IoT Applications and Challenges" on 20th February, 2023. The resource person was Dr. Isac Gnanaraj, Bishop Heber College (Autonomous), Trichy. He emphasized the widespread application of IoT including Smart Homes, Healthcare, Industrial, Transportation, and Agriculture. Despite many advantages, he also presented the challenges like Security, Compatibility, Privacy, and Complexity. The event was organised by Ms. C. Dharmadevi, Assistant Professor, Dept. of Computer Applications. Dr. A. John Martin, Head, Dept. of Computer Applications and the faculty members graced the event. The students actively participated in the session.



Awareness Programme on Cervical Cancer



The Awareness Programme on Cervical Cancer was conducted on 14th Feb, 2023 for all the UG women students of Shift I. The event was coordinated by the Women Cell of Shift I in collaboration with the Department of Biochemistry and Microbiology. Dr. N. Madhu Priya, MBBS, DGO, MS(OG) MRC-OG, Sri Jeya Hospital, Tirupattur was invited as the resource person. Dr. A. C. Gomathi, Head (PG), Department of Biochemistry welcomed and introduced the resource person. Dr. S. R Xavier Rajarathinam, Vice Principal of Academics, Shift I and Dr. A. Merceline Anita, Dean of Women

Students Shift I felicitated the resource person. Dr. N. Madhu Priya gave an orientation for the Girls about the problems faced by them in this adolescent age and how to tackle it. She stressed on Invasive Cervical Cancer, its diagnosis, screening, stages of the disease, how to prevent it and the need of HPV Vaccine during 9 to 14 years of age. Catch up vaccination for adolescents and young adults till 26 years of age. She pointed out that Cervical Cancer is treatable with good outcome. Dr. A. Merceline Anita conveyed her sincere thanks to the event coordination committee and to the participants. The event created awareness among the girls to take precautionary measures to avoid cervical cancer.



SAIT-23 National Level IT Symposium



Sacred Heart Association for Information Technology – SAIT' 2023, a National-Level IT Symposium was organized by the Department of Computer Applications on 14th February, 2023. It serves as a stage for the participants to exhibit their technical expertise in the fields of computer science and Information Technology. Rev. Dr. K.A. Maria Arockiaraj SDB, Additional Principal inaugurated the event and delivered the keynote address encouraging the participants to become entrepreneurs in the field of IT. Rev.

Dr. Samson Shanmugam SDB, the Vice Principal, presented the overall championship trophy to the Department of Computer Applications, Don Bosco College, Yellgiri Hills. Dr. A. John Martin, Head, Department of Computer Applications and faculty members graced the occasion. About 315 participants from 13 colleges along with their faculty members attended the event.



National Workshop on “Selenium Automation Testing with JAVA”



The PG Department of Computer Applications organised a workshop on “Selenium Automation Testing with JAVA” on 16th February, 2023. Mr. R. Antony Vincent, Consultant, Capgemini Technology Service India Limited was the resource person for the workshop. The objective of the workshop was to provide a hands-on experience in Selenium Automation Testing with Java and to boost the confidence level of the participants and enable them to be proficient in automating web application testing. About 369 students and faculty members from the Science, and Engineering

Colleges of Tamil Nadu took part in the workshop.

Intensive Training Programme on Career Skilling

The Intensive Training Programme on Career Skilling is an annual feature of the Department of Computer Science (Shift-I). The specialty of this event is that it is completely sponsored by the generous alumni of the Department of Computer Science. The event was conducted at Fountain College, Vidivelli, Sundampatti, Krishagiri District between 10th and 12th January, 2023. The beneficiaries of the programme were the II & III UG students. The programme consisted of motivational, psychological and technical sessions handled by experts in the respective fields.

Commune-2023



Commune-2023 is an Intradepartmental IT Fest organized by the Department of Computer Science (Shift-I). The event was organized by the III UG students for the I UG and II UG students. The events commenced on 19th January, and the final “Star of Commune” was conducted on 17th February. The various events include: geek speak, techno freak, connexions, ad-zap, media mirchi, animatronics, clash of codes and star of commune. Mr. Nobledas, Manager, Muthammal Engineering Institutions was present as the

Chief Guest for the valediction. He delivered the valedictory address. The winners of all the events were given certificates and cash prizes. The events were meticulously planned and conducted by the faculty members of the Department.

Awareness Program on Dental Care and Hygiene



An awareness program on Dental Care and Hygiene was organized by the Department of Physics (Shift II) on 22nd February, 2023. Dr. S. Govindasamy, M. D. S., Consultant Prosthodontist and Implantologist and Dr. G. Shoba B.D.S., L. G. Dental Clinic, Tirupattur were the resource persons. The program mainly focused on the natural care of teeth and recent development in the dental treatment. The program was organized by Mr. G. Jayakumar, President, UG Physics Association (Shift II), Department of Physics.

Two Days Workshop on Experimental Physics for Higher Secondary School Students

The Department of Physics organized the Workshop titled Experimental Physics for Higher Secondary School Students on 11th and 13th of February, 2023 for higher secondary students. The workshop mainly focused on higher secondary physics experiments and hands on training for the school students. Dr. A. Albert Irudayaraj and Mr. C. Thirupathi, Heads, Department of Physics, Rev. Dr. K. A. Maria Arokiaraj, Additional Principal and Rev. Dr. P. Gandhi Kallarasan, Lab Director, Department of Physics were felicitated during the event. About 79 students and 4 Teachers of Govt. Elite Model School, Tirupattur and 40 students and a Teacher from Govt. Higher secondary School, Palnakuppam attended the event respectively. Mr. G. Jayakumar, President, UG Physics Association (Shift II) coordinated the event.



“Know Don Bosco” an Online Quiz



The Department of Computer Application organized an online quiz titled “Know Don Bosco” on 17th February, 2023. The biography of St. John Bosco was given to the students in the form of question and answer to prepare and appear for the quiz. About 115 students took part in the quiz and the top 3 from each class were honoured with an attractive prize.

Sacred Heart Young Inventor Award SHYIA 2023



Sacred Heart College, every year, recognizes young inventors and introduces their innovations and ideas to the society through the event called SHYIA (Sacred Heart Young Inventor Award). The event for 2023 was held on 6th March, 2023. The Principal of Sacred Heart College, Rev. Dr. D. Maria Antony Raj, SDB, cut open the ribbon and inaugurated SHYIA 2023. He welcomed and appreciated the participants for their efforts. After the in-

augural ceremony the judges evaluated the products and processes presented by the participants. The esteemed adjudicators for the event were: Dr. S. Vijayanand, Assistant Professor (Senior Grade), Department of Biotechnology, Thiruvalluvar University, Serkkadu, Vellore, Dr. A. Manimaran, Assistant Professor (Senior Grade), Department of Mathematics, School of Advanced Sciences, Vellore Institute of Technology (Deemed to be University), Vellore, Dr. Y. Edison Nesadoss, Head, Department of Social Work, Voorhees College, Vellore District, and Dr. S. Srinath, Director, Ziwwit Educational and Research Centre, Tamil Nadu.

Rev. Dr. John Alexander, SDB the Rector and Secretary presided over the valedictory function and released the fourth edition souvenir of SHYIA. Rev. Dr. K. A. Maria Arockiaraj, SDB, the Additional Principal, Shift II, delivered the key note address. The Judges after being introduced offered their insights and valuable feedback to the partici-

pants. The Computation and Mathematical domain was coordinated by Dr. S. U. Vasantha Kumar and Dr. A. George Louis Raja. The Life Sciences domain was coordinated by Dr. Niyas Ahmed and Dr. M. Manikandan. The Language and Social Sciences domain was coordinated by Dr. S. Sasikumar and Dr. K. Arockiaraj. Physical and Chemical Sciences was coordinated by Dr. S. A. Martin Britto Dhas and Dr. S. Shekar.



A total of 390 participants from 11 colleges attended the event. Eight colleges from within the state and three colleges from other states participated. A total of 135 Research Projects belonging to various domains; Computing and Mathematical Sciences - 25 Projects, Languages and Social Sciences - 24 Projects, Physical and Chemical Sciences - 27 Projects, Life Sciences - 63 Projects, were exhibited. The proposals were classified as research processes and research products. The best proposals were selected based on Novelty, Originality, Presentation, Utility/Application, and Patentability. Prizes and certificates were awarded to the winners of each domain.

The following were the prize winners: For Language and Social Sciences, Mr. Rahul Kumar and his team from Sacred Heart College won the First place for their project titled, Augmented Reality Shopping/Virtual Reality Shopping. P. Divya & team from Sacred Heart College won the Second place for the project titled Smart Helmet Project to Avoid Accidents. Sehban Ahmed from Islamiah College won the third place for the project on Computational Estimate of Air Quality.



Computational and Chemical Sciences: Maria Joseph and team Sacred Heart College won the first place for the project Oxygen from Hydrogenated Water using Indigenously Constructed Shock Tube. The second place was won by A.F. Poomani and team from Sacred Heart College for The Guardian Google's. V. Kalaiselvi and team from Sacred Heart College won the third place for the project titled Organic Mosquito Repellent and Herbal Commercial Products.

Computing and Mathematical Sciences prize winners are as follows: D. Sagayaraj and S. Don Richard, from Sacred Heart College won the first place for Coyley Digraphs of the Group Generated by Higher Order Derivatives. Elavarasan & team from Sacred Heart College won the second place for their title Knight Tour Crypto System. The third place was won by P. Monika & S. Vinothini from Sacred Heart College for their project on Rail Fence and Odd Even Transposition Technique in Network Security.

Prize winners of Life Sciences are as follows: The first place was won by Swetha and team, from Sacred Heart College for their project on Formulation of Bio Products for Beauty and Safety Integumentary System. The second prize was won by B. Lokeswari and team from Sacred Heart College for their proposal on Modified Form of Cattle Field. The third place was won by S. Deena Dayal and Vignesh from Loyola College, Chennai for the project on Bio Filter for the Bio Remediation of the Vehicle Exhaust Using Purple Sulphur Bacteria. Two consolation prizes were given to each of the respective domains.

The IPR (Intellectual Property Rights) Cell of the College, arranged for the patenting of the best inventions. Rev. Dr. G. Theophil Anand, SDB, Vice-Principal, (Admin) Shift I, and Dr. P. Saranraj, Head of the Department of Microbiology, coordinated the event.



National Workshop on “Data Analytics Using Advanced Excel”



The Department of Commerce (Computer Applications) Shift II organized the National Workshop on “Data Analytics using Advanced Excel” on 1st March, 2023. Dr.K. Mohamed Jasim, Assistant Professor, VIT Business School, VIT University, Vellore was the resource person of the Workshop. He emphasized the widespread application of Advanced Excel options in data analytics. He also demonstrated the steps to analyse large datasets, using pivot tables and visualize the outputs using charts & graphs. Participants were given hands

on training with real time dataset and they expressed that they learned and implemented the tools and advanced options in excel used for data analytics.

BIOZONE-2023



The PG and Research Department of Biochemistry organized a National Seminar on Global Scenario in Biological Sciences [GS-BS] in the 12th Edition of BIOZONE on 21st February, 2023. The PG Association President and Organizing Secretary Dr. G. Sivaelango welcomed the gathering. Academic Guide Rev. Dr. John Borg, SDB, gave the inaugural address. He appreciated the department for conducting the National Seminar and insisted the students to utilize the expertise of the resource persons. Dr. S.R. Xavier

Rajarathinam VP-Academics (Shift-I) gave the presidential address. Dr. A.C. Gomathi, Convener of the conference introduced the resource persons of session-I, Dr. P. Ashok Kumar, Associate Professor, School of Life Sciences and B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai. The resource person delivered his talk on "Anti-tumour Activity of MBIC against Breast Cancer". He also clarified the questions raised by the participants and Dr. A. Jayaprakash, Convener of the conference introduced the resource person of session-II, Dr. Karthi Natesan, Associate Professor, School of Allied Health Sciences, REVA University, Bengaluru, Karnataka. In his talk, he elaborated on "PCR Based Molecular Tools for Quality Control Applications". Oral and Poster competitions were held. Participants from the various institutions showcased their presentations.

Dr. A.C. Gomathi, declared the results for the oral and poster presentations. Rev. Dr. G. Theophil Anand SDB, VP-Administration (Shift-I) gave the valedictory address. The vote of thanks was proposed by Dr. V. Gopalakrishnan, organizing secretary of the seminar. About 250 participants from the host and neighboring institutions attended the event.

Career Opportunities in English Language and Literature

The PG and Research Department of English Shift-II, Sacred Heart College organized a virtual talk on the topic Career Opportunities in English Language and Literature on 06th March, 2023. Dr. N. Merlin Depsy Nithiya, Assistant Professor of English and Language Trainer, Holy Cross College, Tiruchirapalli was the resource person. The students were enlightened about the different career opportunities for English graduates and the emerging roles in language teaching. The resource person elaborated on the importance of technical knowledge and its presence in multiple fields. She introduced the different courses that are beneficial and valuable in the pursuit of higher career prospects in English Literature. Mr. Peter Coniscious Prabhu, Asst. Professor, Dept. of English organized the event.



National Conference on Promoting Entrepreneurial Skills towards Sustainable Development of Business



The PG and Research Department of Commerce (Shift – II) organized the One Day National Conference titled Promoting “Entrepreneurial Skills towards Sustainable Development of Business” on 23rd February, 2023. Mr. S. Karthick, Assistant Professor, Department of Commerce, welcomed the gathering. Rev. Dr. K. A. Maria Arokiaraj, Additional Principal, delivered the inaugural address. Dr. A. Shankar, Assistant Professor, Department of Commerce introduced Dr. S. Rajendran,

Associate Professor, PG Department of Commerce, Sindhi College of Arts and Science, Chennai, the resource person for the first session. The speaker shared his valuable experience with regard to entrepreneurship. About 7 Participants presented their papers in the first session. Dr. Seenivasan, Assistant Professor, Department of Commerce (CA) was the chairperson of the presentation. About 6 participants presented their papers in the second session. Dr. G. Devi, Head (UG), Department of Commerce, introduced Prof. S. Kavitha, Head, PG Department of Commerce, Acharya Bangalore ‘B’ School, Bengaluru, the resource person for the second session. She highlighted valuable insights with live examples in respect to the sustainable development, corporate social responsibility and necessity for renewable energy. The best papers and participants were awarded with certificates. Prof. G. Rajkumar, Assistant Professor, Department of Commerce, proposed the vote of thanks. About 500 participants from various colleges including faculty, research scholars and students attended the event.

Inter-Collegiate Shakespeare Fest

The PG and Research Department of English Shift-II, Sacred Heart College organized the Inter-Collegiate Shakespeare Fest on 1st March, 2023. The Fest focused on bringing back Shakespeare to life through performing his Sonnets and Plays. Many Colleges and Schools from Tirupattur and other districts witnessed and participated in the grand event. Rev. Dr. K.A. Maria Arokiaraj SDB, the Additional Principal and Head, PG and Research Dept. of English, gave the dynamics of the day and Rev. Fr. A.M. Matthew SDB, gave the felicitation address. Competitions were conducted on the life and works of Shakespeare for the participants from other institutions. About 354 students participated in the events such as quiz, literary parade and soliloquy respectively.

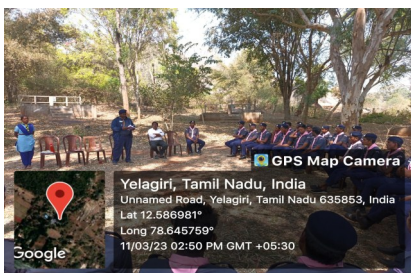


Workshop on “Life Skills for Empowered Living”



The Department of Life Education, Sacred Heart College organized a two-day residential workshop on “Life Skills for Empowered Living” for Mother Teresa, Fr. P.M. Thomas and St. Marino (Transgender) Scholarship students on 7th and 8th March, 2023. Rev. Fr. Ravi Aruldass SDB, Assistant Director, Niraivagam Training Services, Chennai and Mr. A. Selvendhiran, Training Coordinator, Niraivagam Training Services, Chennai were the resource persons. Rev. Dr. John Alexander, Secretary inaugurated the two days program and welcomed the resource persons. On the second day Rev. Dr. Joseph Jeyaraj SDB, Director, Niraivagam, addressed the students significance of the program. The students were engaged and trained on the following topics with respective group discussions, activities, inspirational videos, and games: Leadership and Empowerment, Goal Setting and Proactive strategies, Decision Making and Team Building, Time management Managing emotions, Attitude and Behaviour, Talent Night and Counting your Blessings, Discovering one’s inner potential, Conflict Resolution and its strategies, Self-actualization and enhancing Pro-Social Behaviour. During the valedictory session Rev. Dr. Maria Antonyraj, Principal appreciated the participants for their willingness towards empowerment. Participation certificate were given to all the students. About 29 students attended the program.

Special Camp at Yelagiri Hills (Rovers and Rangers)



The Rovers and Rangers Unit, Sacred Heart College organized a two days special camp at Don Bosco Camp Site, Yelagiri Hills, Tirupattur District. The trainers were: Mr. J.Dhilipkumar HWB/R, Mr. P.Anburasan HWB/R, CEN.Dist/ICF Dist, Southern Railways State, The Bharat Scouts and Guides, Chennai and Ms. T.Anusuya Devi HWB/Ra, Assistant-Trainer, Southern Railways State, the Bharat Scouts and Guides, Chennai.

On the first day the trainers gave a brief introduction to the history of how this movement was started and the different levels that exist in our country. They were trained on flag hoisting, theme song and salutation. Skill development program was conducted in the evening to develop different skills. On the second day the students went for trekking. Various tasks were given to the volunteers. Mr. John Sunder, Asst. Prof, Dept. of Economics coordinated the camp.

Women's Day Celebrations (Shift-I)



The Women Cell, Sacred Heart College (Autonomous), Tirupattur celebrated the International Women's Day on 8th March, 2023. Mrs. S. Jayanthi, Assistant Professor, Department of Business Administration, Shift-I welcomed the gathering. Dr. S. Kalaiarasi, Associate Dean introduced the chief guest, Mrs. N. Thamizharasi, Director, Society for Rural Development and Promotion Services (SRDPS). Rev. Dr. D. Maria Antony Raj, Principal felicitated the chief guest for her noble and note-

worthy works to the destitute women and children. The chief guest highlighted the history and the purpose of celebrating International Women's Day. She insisted the students to understand the need and importance of education in the life of every woman. They are the agents of bringing positive changes in family, society and in the whole nation. Also she addressed the problems faced by girl children due to child marriage by sharing her own life experiences; she motivated the girls and urged the need of women to be very strong and polite in handling hard situations. A video presentation to honour the service rendered by SRDPS was presented to the audience. Short films were screened to appreciate and motivate the girls who had prepared the films on themes related to women. Dr. E. Sailaja, Assistant Professor, Department of Tamil gave a talk on the title "Penniyam Aavoom". In view of Women's Day, various competitions were conducted for girl students on 15th February, 2023 and the prize distribution session for the winners was led by Dr. F. Silviya, Assistant Professor, Department of Mathematics. Ms. V. P. Thilothamma, III BBA proposed the vote of thanks. All the women faculty and students of Shift-I attended the event.

Lecture on "Advanced Materials for Energy Storage Applications"

The Department of Chemistry organized the Lecture titled "Advanced Materials for Energy Storage Applications" on 20st January. 2023. Dr. S. Balaji, Senior Researcher, National Battery Laboratory, Department of Material Sciences and Engineering, Chonnam University, South Korea was the resource person. Dr. S. Xavier Rajarathinam, Head, Department of Chemistry, welcomed the gathering. Dr. R. Jude Vimal Michael introduced the resource person, his experience of working together at IIT, Madras, and the expertise of Dr. S. Balaji and honored him with a gift. Dr. S. Balaji delivered his lecture on energy storage materials, he spoke about the evolution of energy storage materials, he discussed about Li ion batteries and its evolution. The phase diagram for the Li ion and Co, V, Ni, Fe metal oxides, the process of charging, discharging in Li ion batteries, the after effects of overcharging, and the number of cycles the Li ion battery would work through, the session end with questions from the students. The resource person displayed the scholarships available at South Korea for Graduate, Doctoral, and Post-Doctoral students. He encouraged the students to apply for the positions.

“பன்னாட்டு முதலாளித்துவம் - சூழலியல் - வேளாண்மை”



The Department of Chemistry in collaboration with the Department of Tamil (Shift II) & Department of Social Work organized the Lecture titled “பன்னாட்டு முதலாளித்துவம் - சூழலியல் - வேளாண்மை” on 7th March, 2023. The resource person was V. Nakkeran, Environmentalist & M. Pamayan, Agricultural Scientist. Dr. S. Xavier Rajarathinam, Head, Department of Chemistry, welcomed the gathering, he expressed the younger generation should possess good conscientious knowledge about the world they live in. Dr. Muthaiyan. N, Assistant Professor, Department of Tamil (Shift 2), introduced the chief guest. Dr. Balasubramaniam. P, Head, Department of Tamil (Shift II), made a special address where he spoke on the books “காடோடி” and “திணையியல் கோட்பாடு” being part of the syllabus in the Department of Tamil (Shift 2), he also expressed that this moment of having V. Nakkeeran and M. Pamayan was very special.

Environmentalist V. Nakkeran spoke on the richness of the rain forests in India. Nature is simpler than we think and we complicate the concepts of nature extravagantly. He spoke that to his curiosity, he found the younger generation possessed great interest towards understanding the working of the nature we are a part off. M. Pamayan, Agricultural Scientist, addressed the gathering following Mr. V. Nakkeeran spoke on how we could differentiate native seeds, hybrid seeds, the use of natural manure, chemical fertilizers & how the fertilizers impact the soil in-turn the crops, and how the fertilizers are contributing to converting native crops into cash crops by spoiling the fertility of soil. Mario Leo Joseph. J, Assistant Professor. Department of Chemistry (Shift I) proposed the vote of thanks.

UGC Care Listed Journal “புதிய அவையம்”



நம் கல்லூரியின் தமிழ்த்துறையில் கடந்த 2017ஆம் ஆண்டு ‘புதிய அவையம்’ என்ற மின்னிதழ் தொடங்கப்பட்டது. ISSN : 2456-821X எண் கொண்ட இவ்விதழானது, உள் மற்றும் வெளிப்புற மதிப்பீட்டு வல்லுநர் குழுவினைக் கொண்டு செயல்பட்டு வருகின்றது. தமிழ் இலக்கிய ஆய்வுகளில் ஈடுபடும் பேராசிரியர்கள் மற்றும் ஆய்வாளர்களின் ஆய்வுக்கட்டுரைகள் பெறப்பட்டு மதிப்பீடு செய்யப்பட்டு இவ்விதழில் வெளியிடப்படுகிறது. இந்நிலையில் நமது இந்த ஆய்வுப்பணியை அங்கீகரிக்கும் விதத்தில் பல்கலைக்கழக மானியக் குழுவின் தெரிவு செய்யப்பட்ட ஆய்விதழ் பட்டியலில் (UGC CARE Listed Journal - 2023) இதழ் இடம்பெற்றுள்ளது. முற்றிலும் இணையவழித் தொழில்நுட்பத்தில் எமது இதழ் செயல்படுவது குறிப்பிடத்தக்கதாகும். தமிழக அளவில் உள்ள உயர்கல்வி நிறுவனங்களில் செயல்படும் தமிழ்த்துறைகளில் முதலாவதாக நம் புதிய அவையம் இதழ் விளங்குகின்றது. இந்த ஆண்டு தமிழ்நாடு, கர்நாடகம், ஆந்திரா, கேரளா, மேற்குவங்கம், ஒரிசா, புதுதில்லி உள்ளிட்ட இந்தியா முழுவதும் இருந்து சுமார் 264 ஆய்வுக்கட்டுரைகள் பதிவேற்றப்பட்டன. அவற்றில் தரமான 144 கட்டுரைகள் மதிப்பீட்டுக் குழுவினரால் தேர்வு செய்யப்பட்டுப் பதிப்பிக்கப்பட்டு 28.03.2023 அன்று வெளியிடப்பட்டன.

CHEMFEST - 2023



The Chemfest-2023 is an intercollegiate program conducted by the PG & Research Department of Chemistry; in collaboration with RUSAC. The students from the Department of Chemistry, Arts & Science Colleges affiliated to the Thiruvalluvar University participated in this programme. It was conducted On 9th March, 2023. The inaugural session was presided over by Rev. Dr. Theophil Anand, SDB., Vice Principal, Administration (Shift I), Dr. K.J. Balasubramaniam, Director, Atria Research Lab, Fogiene Sciences and Sonia Organics, the chief guest, gave the inaugural address and Dr. S. Xavier Rajarathinam, Head, Department of Chemistry welcomed the gathering.

The events of the fest include: chem quiz, connections, just a minute, guest lecture (PG students), meme picture and meme video. The valedictory session was presided over by Rev. Dr. John Alexander, Secretary, Dr. S. Subramani, Anabond Ltd, Chennai distributed the prizes to the winners. The overall champions were Muthurangam College of Arts and Science College, Vellore. About 47 participants from neighbouring colleges attended the event.

LOGIN- 2023



The PG Department of Computer Science, Sacred Heart College (Autonomous), Tirupattur conducted Login-2023 an Intradepartmental IT Meet on 1st February, 2023. There were 5 on-stage and 2 off-stage events: tech talker, brain blazer, connection, dumb show, ad mad show, code master and web spider. The winners were awarded with shield and certificate. Each event was judged by the faculty members of Computer Science and Applications and the winners were evaluated based on their knowledge, talent, creativity and spontaneity. Ms. Povizhi, Head, PG Department of Computer Science and the faculty members coordinated the event.

Soft Skills Training

The PG and Research Department of Commerce (Shift – II) organized the Soft Skills Training program on 16th March, 2023 for the II, II UG and PG students. The resource person of the workshop was Mr. Harish, e NOVA Software and Hardware Private Limited. The resource person addressed on how to face interview, how to write résumé to students and related important factors in this domain. About 130 students took part in the programme.



Valedictory of Associations, Groups & Movements, CQC, Outreach and SHC-IVDP Educational Scholarship (Shift - II)



The “Valedictory of Associations, Groups & Movements, CQC, Outreach and SHC-IVDP Educational Scholarship” was organized on 14th March, 2023. The Additional Principal, Rev. Dr. D. Maria Arokiaraj, welcomed the gathering. He introduced the Chief Guest, Raman Magasaysay Mr. Kulandai Francis and Rev. Fr. Casmir Raj SDB. Father in his address encouraged the Students to be service minded and generously helping others.

Rev. Fr. S. Henry Daniel Ambrose, Director, Extension Education & Services, presented the Outreach Newsletter report. The activities of various Associations, Groups and Movements, for the academic year 2022-23, were presented. It was followed by students laying down the insignia, as a sign of their gratitude. Rev. Dr. Gandhi Kallarasan, the campus minister led the prayer service and prizes were distributed to the students and staff who were office bearers of their respective associations and movements

Rev. Fr. Casmir Raj SDB addressed the students to continue to be generous after appreciating the Students for contributing money towards IVDP. Raman Magasaysay Mr. Kulandai Francis Addressed the Students. He encouraged the Students to study well and be generous to others. He pointed out that what you give to others it will come back in double. He also encouraged the students to contribute more money towards so that he can also contribute more. It was followed by the distribution of IVDP scholarship to the beneficiaries. About 120 Students benefited from the IVDP Scholarship. The vote of thanks was proposed by Mr. C. Dharmadevi, Assistant Professor, Department of Computer Application. The event was coordinated by Rev. Dr . D. Samson Shanmugam SDB Vice Principal, (Admin. Shift – II)

Job Fair



The Career Guidance & Placement Cell, Sacred Heart College in association with Don Bosco Vazhikatti organized the Job Fair on 18th March, 2023. The placement drive was attended by the final year UG & PG students and alumni of the institution. During the inaugural program Rev.Fr. Andrews Raja, Head, PG & Research Department of Social Work. welcomed the gathering. Rev. Dr. Theophil Anand, Vice Principal graced the occasion and motivated the participants. The candidates were provided with interview card and a brochure on stalls. About 16 companies, 456 students participated in the fair and 196 candidates were shortlisted.

Awareness Program on Life Style, Cancer and Food Habits in Siddha Medicine



The Women Cell (Shift-II), Sacred Heart College organized an Awareness program on “Lifestyle, Cancer and Food Habits in Siddha Medicine” on 17th March, 2023. Rev. Dr. K. A. Maria Arokiaraj, Additional Principal gave the dynamics of the program and felicitates the gathering. Dr. V. Vikram Kumar, MD(S), Asst. Medical Officer, Aandiyappanur was invited as the resource person. He gave vivid details about the types of cancer, and the causative agents for cancer. He mainly focused on uterine cancer or ovarian

cancer in women and prostate cancer in men and skin cancer caused by Chernobyl disaster. He gave awareness about the usage of plastics and how it causes cancer in human life. He also pointed out the natural ways of detoxifying the body, people suffer from anaemia because of lack of haemoglobin and lack of personal health hygiene leads to global health care which causes many problems in the society.

Workshop on “CSIR-UGC-NET Problem Solving Skill Development”

The Two –Day Workshop on “CSIR-UGC-NET Problem Solving Skill Development” was organized by the PG & Research Department of Mathematics between 23rd and 24th February, 2023. The inaugural session was presided over by Dr. S.R. Xavier Rajarathinam, Vice Principal, Academic (Shift I). The resource person was Mr. N. Pachaiappan, Director, GMI, Chennai. Earlier, Dr. A. George Maria Selvam, Head (PG), welcomed the gathering by listing the enormous opportunities available for the Maths graduates and post graduates. While introducing the resource person, Dr. M. Antony Arockiasamy, organizer of the event, enumerated the achievements made by Mr. N. Pachaiappan viz., clearing CSIR-UGC-NET- five times, qualifying GATE, NBHM, CMI and TNSET exams. Dr. M. Murali, Head (UG), gave the vote of thanks expressing gratitude to all the participants.

Mr. N. Pachaiappan gave six sessions, a span of 10 hours (spread out in two days) of hands on training on the skills required for qualifying CSIR – UGC – JRF exam. He initiated the basic concepts of Linear Algebra and Real Analysis and made the participants to work out and answer the questions raised, thereby giving the opportunity for the students to think and learn. Throughout these six sessions, Mr. N. Pachaiappan was ably assisted by his team Mr. Thirupati, alumni. Dr. M. Antony Arockiasamy thanked the management, staff and the students for the successful organization of the workshop. About 86 participants from 6 colleges actively participated in the workshop.



Fr. Guezou State Level Invitational Basketball Tournament-2023



The 10th Fr. Guezou State Level Invitational Basketball Tournament was organized by the Department of Physical Education, Sacred Heart College between 1st and 3rd March, 2023. The chief guests were: Mr.M.Sivaprakasan, Tahsildar, Tirupattur and Rev.Fr.P.Gregory Devarajan, Rector, Dominic Savio Hr. Sec. School, Tirupattur. About 98 participants from 8 colleges participated in the event. The institutions include: Sacred Heart College, Tirupattur ,

Loyola College , Mettala, AVS College, Salem, Bishop Heber College, Trichy, Don Bosco College, Dharmapuri, Jamal Mohammed College, Trichy, St. Joseph's College, Cuddalore and Don Bosco College, Yelagiri respectively. The 1st place was won by AVS College, Salem, the 2nd place by Loyola College, Mettala, the 3rd place by Bishop Heber College, Trichy and the 4th place by Sacred Heart College, Tirupattur respectively. Dr.A. Bento Devaraj and Mr. C. Kaviyarasu, Physical Directors, Sacred Heart College coordinated the event.

One Day Workshop on Software Assisted Learning: Geogebra



The PG & Research Department of Mathematics organized the One Day Workshop on Software Assisted Learning: Geogebra on 10th March, 2023. Dr.A.George Maria Selvam, PG Head, Department of Mathematics welcomed the gathering and introduced the resource persons.

Mr. S. Elisha, Head Master, Panjayat Union Middle School, Peranambut addressed on the basics of Geogebra.

Then he highlighted how Geogebra is a Mathematics Software and how it brings together Geometry, Algebra, Spread sheet, Graphing Statistic and Calculus in one line. Mr. K. Arunagiri, PG Assistant in Mathematics GHSS, Jayapuram briefed on the graphical aspect of Geogebra. He made the students to draw triangle, circle, incircle etc., in graphs. Then he made students draw rangoli with triangle in and out the circles. About 55 students attended the event. The workshop concluded with vote of thanks by Dr.S,Kalaiarasi, Assistant Professor, Department of Mathematics.

International Conference on Mathematical Sciences and Applications (ICMA 2023)



The PG and Research Department of Mathematics organized the International Conference on Mathematical Sciences and Applications between 24th and 25th March, 2023 in collaboration with the PG Department of Mathematics, Patrician College of Arts and Science, Chennai and Academia for Advanced Research in Mathematics (AARM) Society. The conference was conducted in hybrid mode, both online and offline.

Dr. A. George Maria Selvam, PG Head, Department of Mathematics (Shift-1) delivered the welcome address during the inaugural session and Rev. Dr. Theophil Anand, Vice Principal (Administration) felicitated the gathering. Dr. Jagadeesh Kumar, Professor & Head, Department of Mathematics, VIT served as the Chief Guest and released the conference proceedings and delivered the key note address.

The conference had 7 invited talks covering most of the important research areas in contemporary mathematics and it was delivered by Dr. Lamberto Rondoni, Matematiche, Politecnico di Torino, Italy, Dr. Sandra Pinelas, Military Academy, Department of Exact and Natural Sciences, Portugal, Dr. Surapati Pramanik, Nandalal Ghosh B.T. College, West Bengal, Rev. Dr. Joseph Varghese, Central Campus, CHRIST (Deemed to be university), Bengaluru, Dr. L. Jones Tarcus Doss, Head, Dept of Mathematics, Anna University, Chennai, Dr. Maria Joseph, St. Joseph's College, Trichy and Dr. Jesintha Rosline, Auxilium College, Vellore.



The conference had 18 paper presentation sessions, 12 online and 6 offline, and each session was chaired by a subject expert. During the valedictory session of the conference



Dr. A. George Maria Selvam, Head, Department of Mathematics (Shift-1) and Dr. Surapati Pramanik, the chief guest for the valediction, distributed the certificates to the participants. Dr. D. Ajay, Convenor of the conference, thanked all those who made ICMA – 2023 a grand success. About 203 registered participants attended the event and 155 abstracts were received from participants spanning across 19 states of India.

Inter School Math Meet - 2023



The PG and Research Department of Mathematics, Sacred Heart College (Autonomous) organized an Inter School Math Meet – 2023 on 27th January, 2023. The competitions were held to focus on the importance of innovative ideas and better improvement of the students career/Higher Studies in Mathematics. The inaugural session was graced by Rev. Dr. Theophil Anand, Vice Principal (Shift - I). In his inaugural address, he insisted the importance of opportunities and making the best use of it. Three off stage events namely: Mathematical Modeling,

Drawing, Math Puzzle were conducted. The best seven teams were selected for the on stage program. During the valedictory session Rev. Dr. Samson Shanmugam, Vice Principal (Shift - II), Sacred Heart College highlighted the importance of Mathematics and distributed the prizes to the winners. The vote of thanks was proposed by Mr. Satheesh, GHSS, Kasinayakkampatti. The event was coordinated by Dr. P. Manoharan, Associate Professor, Department of Mathematics (Shift - I). About 64 students from 9 schools actively participated in the event.



MATH INFINI 23



The Department of Mathematics had organized an Inter Collegiate Competition – Math Infini 2023 on March 15, 2023. The event was coordinated by Dr V. Balaji & Dr. B. Govindan. The competitions were held to focus on the importance of innovative ideas on the Applications of Mathematics. The program began with the inaugural ceremony. Rev. Dr. G. Theophil Anand, the Vice Principal in his inaugural address insisted the importance of getting chances and making the best use of it. Four off stage events

namely: mathematical models, one minute movie making, digital poster presentation, math rangoli were conducted. Their contributions were monitored and judged by the faculties and the students were given valuable suggestions for their betterment and improvement. The Quiz prelims was conducted and the best seven teams were selected for the on stage program. The on stage Quiz was conducted by the PG students. During the Valedictory session Rev. Dr. K.A. Maria Arokiaraj, Additional Principal highlighted the importance of Mathematics and distributed the prizes to the winners. Don Bosco College, Dharmapuri won the overall championship. They were awarded with the overall trophy and certificates. Participation certificates were distributed to all the participants. The program concluded with the vote of thanks by Dr. B. Govindan, the Organizing Secretary. About 114 students from 11 colleges actively participated in this event.

Innovative Practices for Placement Push

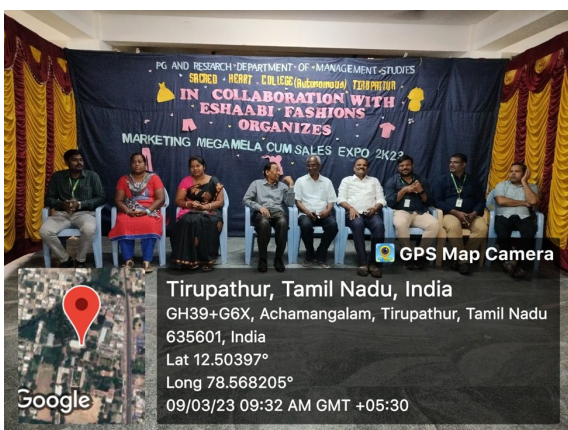


The PG and Research Department of Management Studies, Sacred Heart College (Autonomous), Tirupattur organized 3 days of in-house training programme for the I MBA students between 13th and 15th March, 2023. It was inaugurated by Rev. Dr. John Borg, SDB, Controller of Examination, and

Dr. S. Sasi Kumar, Head, Department of Management Studies, Mr. Maria Antony Juderaj, HR, Learning & Development, ELGi and the faculty of the Department. The sessions include: "Journey towards Excellence" by Mr. Maria Antony Juderaj, HR, Learning & Development, ELGi, "Goal Setting, How to be an effective Leader and Being Accountable to Results" by Dr. J. Henry Rosario, Director, Exodus Consulting. "Understanding of Self" by Dr. Sasiganth J, Prof. R. Alexzander, Dr. Arockia Mary R and Prof. Lawrence G respectively.



Marketing Mega Mela cum Sales Expo-2023



The PG and Research Department of Management Studies, Sacred Heart College (Autonomous), Tirupattur, in collaboration with EESHAABI Fashion, Tirupattur, organized the Marketing cum Sales Mega Mela - "Sales Expo 2023" between 9th and 10th March, 2023. It was an initiative taken by the Department, to provide hands on training to instill the nuances of marketing skills and the entrepreneurial ventures.

Rev. Dr. Pancratius Toppo, SJ, Co-founder of Xavier Institute of Development Action and Studies, Jabalpur, presided over the inaugural function and declared open the event. Rev. Fr. Andrews Raja, Head, Department of Social Work, Dr. S. Sasi Kumar, Head, Department of Management Studies and the faculty members of the Department graced the occasion.



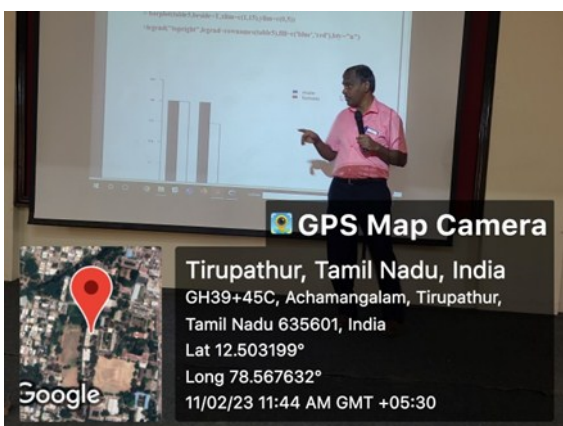
Faculty Development Programme on R Language for Statistics



A One-Day Faculty Development Programme for the teaching faculty of the Department of Mathematics was organized on 11th February, 2023. Dr. A. George Maria Selvam, Head of the Department, welcomed everyone to the programme and insisted on the importance of software-assisted learning, and appealed to the staff to learn mathematical tools so that they can be incorporated into the curriculum in the next revision of the syllabus.

Dr. D. Ajay, the Association President, introduced the resource person for the FDP Dr. Kaspar, Associate Professor, Department of Mathematics, Vellore Institute of Technology, Vellore.

Dr. Kaspar instructed the participants on how R software could be installed and introduced the basic concepts of R language, the syntax rules, and the basic commands used. He also elaborated on arithmetic operations, creating vectors using the 'c' function in R program-



ming, creating matrices, operations on matrices and finding the inverse of matrices. The important topics in statistics such as finding mean, median, mode, quartile deviation, and standard deviation were discussed. Dr. Kaspar also elaborated on creating tables using data. frame command and importing data from external sources like excel files. Then the discussion continued on plotting the data through

graphs such as bar diagrams, pie charts, histograms, etc. Finding correlation and regression for the statistical data were also discussed. Dr. G. Britto Antony Xavier proposed the vote of thanks.

Congratulations to the Staff on Successfully Completing Ph.D



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