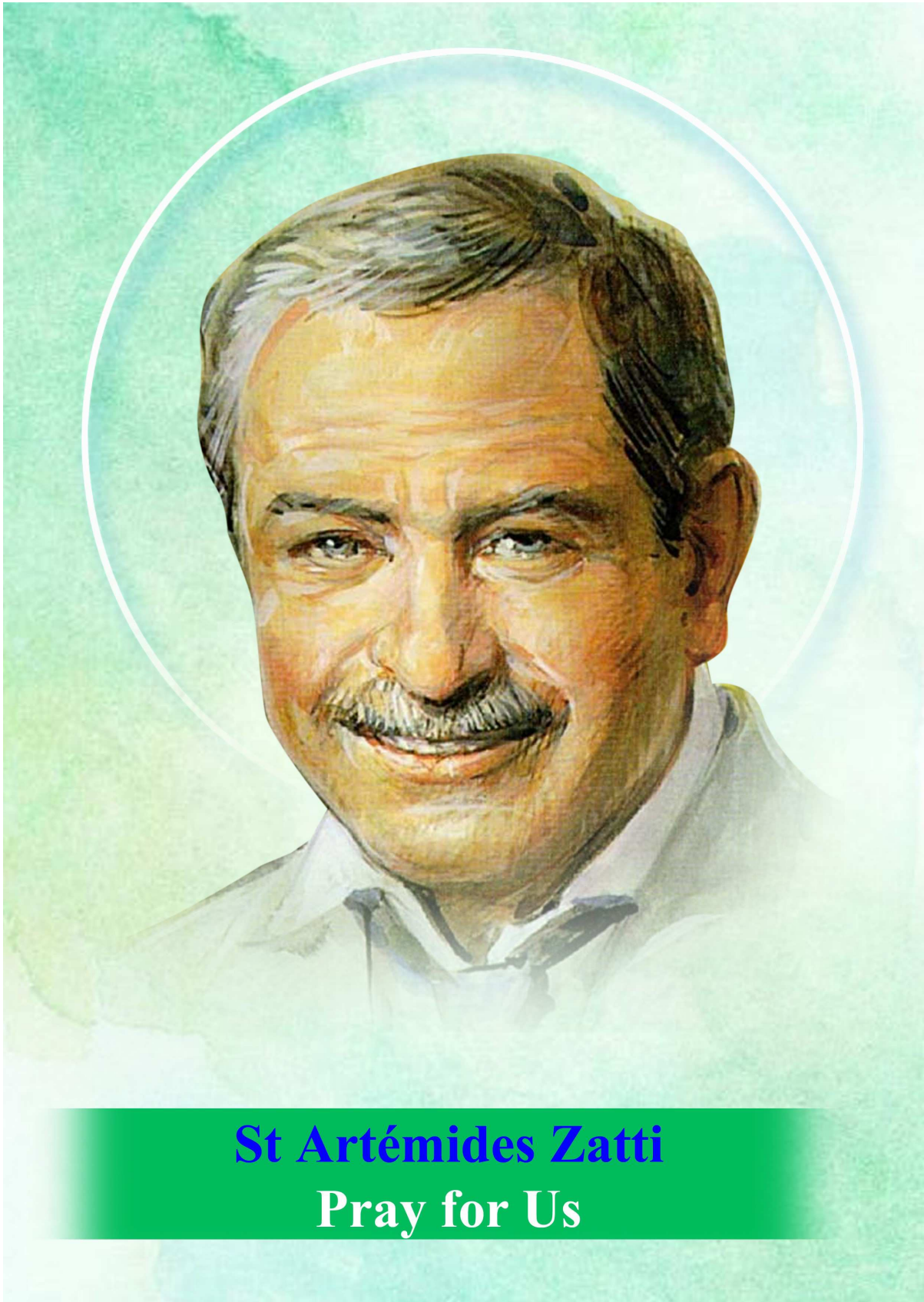


Sacred Heart Times

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St Artémides Zatti
Pray for Us



SACRED HEART COLLEGE

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

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



Greetings, Sacred Hearts!

I am delighted to connect with you through this issue of Sacred Heart Times!

The Salesian fraternity is ecstatic about the canonization of St. Artemide Zatti (12 October 1880 - 15 March 1951), a Salesian brother who dedicated his life to the poor and sick. He had unwavering faith in divine providence and genuinely cared for his patients. He was a man of simple human relationships, visibly sympathetic and content to work with ordinary people. I share his joy at being canonized and ask the new Saint to instill kindness in us toward the poor and the sick.

The college has been busy with academic and outreach programs in recent months. I congratulate all Salesians, Department Heads, Faculty, Administrative Staff, and Students for working together to organize high-quality programs in accordance with the college's motto, "Ready for every good work." The SHBIA (Sacred Heart Budding Innovator Award), a new outreach activity of the college, is a recent example of our social responsibility. The program was designed to spark scientific curiosity and plant the seeds of research in the neighborhood school children. It was encouraging to see the rural children's enthusiasm and zeal in demonstrating their technical abilities. I would like to thank Rev. Dr. G. Theophil Anand SDB, Vice Principal (Adm.), and his team for organizing the event.

Rev. Dr. Thaddeus SDB, Principal of Don Bosco College, Yelagiri, is ill and receiving medical treatment. He had previously served in various capacities at our college for over two decades and is widely credited with founding the Computer Science Department. I request you all to pray to the Lord Almighty to give him strength to overcome this pain and agony.

Success does not happen by chance; it is the result of hard work and perseverance. I would like to tell you about Ignacy Jan Paderewski's legacy. He was a Polish pianist who was regarded as the greatest pianist of his generation. When he was younger, his teachers at the music college told him that he had no future as a pianist because his fingers were not formed properly. He overcame his disability through sheer determination, and the rest is history. According to legend, he played most of his concerts while in excruciating pain and with blood oozing from his fingers. Because of his never-say-die attitude, the world remembers him. Achievers and winners are made of such mettle; we need to believe that you and I are made of such mettle, and all we need to do is discover our true desire and keep trying to achieve our goals.

Happy Diwali to all! During these festivities, may good triumph over evil.

Let the Sacred Heart of Jesus and our patron St. John Bosco bless you all!

A handwritten signature in green ink, appearing to read "D. Maria Antony Raj".

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

PATRONAL FEAST OF THE MOST SACRED HEART OF JESUS` 2022



The patronal Feast of the Most Sacred Heart of Jesus was celebrated on 02nd September, 2022. The celebrations commenced with the blessings of the School of Social Sciences block by Most Rev. George Antonysamy, DD, Archbishop of Madras - Mylapore. At 8.30 a.m. a solemn Eucharistic celebration was held in the Kamarajar Arangam. The Holy Eucharist was celebrated by the

Archbishop of Madras. The Salesian Community, the Catholic Staff and students took part in the prayer service. The Archbishop in his sermon, focused on the three aspects, the open heart, burning heart and sacrificing heart of the Sacred Heart of Jesus. He highlighted the services offered by Sacred Heart College to Tirupattur district from the day of its inception. The college has been a boon to the rural people and it has continued to grow abiding by its mission to serve the needy. The Holy Eucharistic celebration was followed by the honouring of Most Rev. George Antonysamy, the Archbishop. Rev. Dr. D. Maria Antonyraj, the Principal, welcomed everyone to the celebration. Rev. Dr. John Alexander, the Rector and Secretary of the college, felicitated His Grace with a shawl and Rev Dr. K.A. Maria Arockiaraj, the Additional Principal, Shift II, presented a Picture of the Sacred Heart of Jesus.



This joyous moment was also marked by the birthday celebration of Rev. Dr. John Alexander; the releasing of the Sacred Heart Times News Letter (September Issue), a book published by Rev. Fr. Matthews, titled Well-Equipped for Life and a book by Mr. Sunil, of Life Education Department, titled மண்திடம்பேசு..



At 5.30 p.m. in the Kamarajar Arangam, Rev. Fr. Sittarasu Kanickaraj, SDB, Rector and Parish Priest of St. Francis Xavier's Church, Broadway, Chennai, was the animator for the Adoration and Car Procession. The Salesian community, the Catholic staff and students took part in the prayer service.

ANNUAL ATHLETIC MEET - 2022



Sacred Heart College Society in association with SCHAEFFLER India Limited organized the “Annual Athletic Meet 2022” for the Government School Students at Adhiyaman College of Engineering, Hosur. The event was organized under the “Learning Outcome Improvement Project (LOIP) on 15th September, 2022. About 22 schools participated in the various events of the Meet. About 439 children actively participated in 96 athletic events. Rev. Fr. Edward Michael, Principal, Don Bosco Matric. Higher Secondary School, Vellore

inaugurated the event by declaring sports meet open. Mr. A. Muni Raj DEO, Mrs. K. Prabhavathi DISE, Mr. Sathish Kumar BEO, Rev. Dr. Samson Shanmugam, Vice Principal, Sacred Heart College, Tirupattur, Rev. Fr. James Executive Director, LOIP, Dr. A. Bento Devaraj, Director of Physical Education, Sacred Heart College, Tirupattur, Mrs. Mary Sujatha, Manager – LOIP, Dr. Selvam, Asst Professor, Department of Social Work, Sacred Heart College, Head Masters of 22 participating schools and 23 LOIP staff graced the occasion. The champions of the event were awarded with medals and certificates.



PARENTS MEETING FOR III UG (SHIFT II)

On 03rd August, 2022 the Parents Meeting for the III UG Students (Shift II) was held between 10.30 am and 12.00 pm at Carreno Hall. Rev. Dr. Samson Shanmugam SDB invoked the blessings of God through the prayer service. Mrs. A. Josephine Sahaya Mala, Vice -Principal, Academics welcomed the gathering and she emphasized on the importance of the parents meeting. Rev. Dr. John Alexander, SDB, Rector and Secretary, gave the presidential address. He highlighted the responsibilities of the parents in grooming their children.



Rev. Dr. K.A. Maria Arokiaraj SDB, Additional Principal, gave the inaugural address. He briefed the rules, regulations, discipline, norms of using mobile phones in the campus, dress code, behaviour of the students, fee structure, opportunities of studying in the campus and the availability of various scholarships. The vote of thanks was proposed by Mr. M. Serlinraj, Asst. Prof. Dept. of Computer Science.

SPECIAL TALK ON THE DOOR OF OPPORTUNITIES



The Department of Commerce (CA) (Shift II) organized a Special Talk on the “Door of Opportunities” on 02nd September, 2022. The resource person Mr. A. Prabakaran, Shakya IAS Academy, Tirupattur highlighted the various competitive exams conducted by State and Central Governments. He elaborated the numerous opportunities for commerce students in government sector. He motivated the students to prepare for competitive exams. About 145 students attended the event.



VIRTUAL ORIENTATION PROGRAMME ON THE IMPORTANCE OF MICROSOFT SOFTWARE DEVELOPMENT CERTIFICATION AND ITS CAREER OPPORTUNITIES



Career Guidance & Placement Cell, Sacred Heart College organized a Virtual Orientation Programme on the Importance of Microsoft Software Development Certification and Its Career Opportunities in association with Cognultsoft Analytics on 12th September, 2022. The session was organised for B.Sc (CS), BCA, B.Com (CA), B.Sc & M.Sc (Maths), M.Sc (CS) and MCA final year students. The resource person Dr. Peter Kulandhairaj MCA., Ph.D., (AI, Deep Learning – 2018) - Microsoft Certified Trainer, took two sessions virtually from United States of America and educated the students about the importance of Microsoft certification and its career opportunities. He also shared information about the available job opportunities in software development and its career growth. Few of the SHC alumni, currently software engineers in Cognultsoft Analytics encouraged the students by sharing their learning and current work experience. The session concluded with the words of gratitude by Fr. Andrews Raja, Director, Career Guidance and Placement Cell.

Career Guidance & Placement Cell, Sacred Heart College organized a Virtual Orientation Programme on the Importance of Microsoft Software Development Certification and Its Career Opportunities in association with Cognultsoft Analytics on 12th September, 2022. The session was organised for B.Sc (CS), BCA, B.Com (CA), B.Sc & M.Sc (Maths), M.Sc (CS) and MCA final year students. The resource person Dr. Peter Kulandhairaj MCA., Ph.D., (AI, Deep Learning – 2018) - Microsoft Certified Trainer, took two sessions



PRE – ASSESSMENT FOR TRAINING ON COMPETITIVE EXAMS



Career Guidance & Placement Cell, Sacred Heart College conducted a Pre – Assessment for Training on Competitive Exams in association with Kalvi Trust as a part SHC and Redington CSR Collaboration on 14th September, 2022. The Pre – Assessment was conducted for the interested final year students. About 139 students gave the assessment. The free course for 60 hrs will be offered for 100 eligible students.

NATIONAL WORKSHOP ON MEAN – FULL STACK DEVELOPMENT FRAMEWORK



The National Workshop on MEAN (MongoDB, Express.js, Angular.js, Node.js) – Full Stack Development Framework was conducted by the Department of Computer Applications (UG) on 14th Sep, 2022. The event aimed to provide a platform for the students to learn the recent technology MEAN. During the inaugural session Mr. A. John Martin, Head, Department of Computer Applications (UG) welcomed the gathering. Rev. Dr. K.A. Maria Arokiaraj SDB, Additional Principal felicitated the audience. He expressed his views on the significance of IT related jobs, expectations of IT industries and insisted students to develop and update their technical skills to meet the expectations of IT industries. Mr. H.S. Sandesh, Founder & CEO, Study Online and Senior Consultant EY, Bangalore was the resource person of the event. He demonstrated the expectations of IT industries from IT professionals in the recruitment process. He gave three training sessions on various domains. Rev. Dr. S. Shanmugam SDB, Vice Principal (Administration), Shift – II congratulated and appreciated the gathering for their active participation and shared a meaningful valedictory message. Mrs. C.

at



ICSSR SPONSORED CONFERENCE ON SUSTAINABLE SOCIAL DEVELOPMENTS IN INDIA



The PG Courses for the new academic year 2022-23 were inaugurated on 1st August, 2022. The programme began with prayer service by Rev. Dr. Gandhi Kallarasan, SDB, Campus Minister. Rev. Dr. John Alexander, SDB, Rector and Secretary delivered the new academic year message: the importance of ‘Synodality and Excellence’. He also expressed his happiness over the institution’s 82nd place in NIRF ranking. The programme was also energized with the new academic year message by Rev. Dr. Amirtaraj, SDB, Professor of Theology and Administrator of Arumbu systems in life that adds merit to

Publication, Chennai. He infused the importance of value education. Dr. S.R. Xavier Rajarathinam, Vice Principal – Academic (Shift I) introduced the Academic Executives of the College, Heads of the Department and various office bearers. Dr.J. Sasiganth, Dean, AICTE also explained the rules and regulations that the students have to adhere during their stay in the college. The programme concluded with the vote of thanks by Dr. Arockiamary. R, Dean (Women Students- AICTE). Rev. Dr. G. Theophil Anand, SDB, Vice Principal –Administration (Shift I), Dr. M. Vincent Sahayaraj, President, Fine Arts (Shift – I) and Dr. Amala, Assistant Professor, Dept. of Microbiology coordinated the event respectively.



ART OF PUBLISHING RESEARCH ARTICLES IN HIGH IMPACT JOURNALS



The Research Cell, Sacred Heart College organised a special input session on the Art of Publishing Research Articles in High Impact Journals on 14th September, 2022. The Doctoral Research Scholars and PG Students attended the session. Dr. S. Sahaya Jude Dhas, Professor and Head, Department of Physics, Kings Engineering College, Sriperumbudur, Chennai was the resource person. He introduced the nuances of research communication. He also spoke about the different parameters to judge before communicating with the publishers. Dr. Nahren Manuel Mascarenhas, Dean of Research, Sacred Heart College coordinated the event.

INVITED TALK ON NANOSTRUCTURED MATERIALS-FUNDAMENTALS AND APPLICATIONS



The PG and Research Department of Physics (Shift II) organized the Invited Talk titled Nanostructured Materials-Fundamentals and Applications on 14th September, 2022. Dr. M. Jose, Head PG, Department of Physics welcomed the gathering and delivered the Inaugural address. Mr. C. Thirupathy, Head (UG), Department of Physics honored the speaker with a memento.

Dr. M. Arivanandhan, Professor, Centre for Nanoscience and Technology, Anna University, Chennai was the resource person. The speaker gave an introduction to nanomaterials and explained its importance, uniqueness and its applications in diverse fields. He explained about surface to volume ratio and quantum confinement effects. He also presented about thermal, mechanical, optical and electrical properties of the nanoparticles and its properties. The speaker motivated the PG students for higher studies and spoke about the opportunities for research with fellowship. Dr. P. Kannappan, organizing secretary, delivered vote of thanks. About 57 PG Students, 15 Research Forum Students (Shift-II) and Research Scholars participated in the event.



Rev. Fr. P. A. THOMAS MEMORIAL LECTURE ON SUSTAINABLE FOOD TECHNOLOGY



Rev. Fr. P. A. Thomas Memorial Lecture on "Sustainable Food Technology" was organized by the Department of Chemistry (Shift I) on 14th September, 2022. The resource person for the event was Dr. D. Ravishankaran, Professor, National Centre for Nanoscience and Nanotechnology, Guindy Campus, Chennai-25. He spoke about the importance of nanomaterials, nanobiointerface, sensors and their application in food technology. Its role in food preservation, processing and in the agricultural sector was detailed. The employability of simple applications in the field of nanotechnology in everyday life was also discussed during this lecture. Dr.S.R. Xavier Rajarathinam, Head, Department of Chemistry (Shift I), Dr. Arokia Napoleon Raj, Head (UG), Department of Chemistry (Shift II), Dr. Collins Arun Prakash, Head (PG), Department of Chemistry (Shift II), the faculty members and students of the department graced the occasion.

INVITED TALK ON APPLICATIONS OF MATHEMATICS



The Department of Mathematics (Shift-II) organized an Invited Talk titled “Applications of Mathematics” on 16th September, 2022. Dr. L. Vikraman, Assistant Professor, Government Thirumagal Mills College, Gudiyattam was the resource person. M.Thanigajalam, Asst. Prof. Department of Mathematics introduced the resource person. The speaker in his address took the students deep into the world of Mathematics with examples related to the applications of Mathematics.

SEMINAR ON DON'T DRUG YOURSELF DOWN



On 15th September, 2022 the Department of Life Education in collaboration with Niraivagam, Chennai, organized a Seminar on the topic “Don't Drug Yourself Down” Intervention Model to Overcome Substance Abuse for all the I UG Students of the institution. The objectives of the event include: to create awareness on drug and substance abuse, to clarify myths and facts about drug addiction and to make the students understand the impact of addiction. Rev. Dr. Joseph Jeyaraj SDB, Director, Niraivagam was the team leader. There were 5 resource persons animating the students: Mr.Murali, T.T. K. Hospital, Chennai, Mrs. Anne Florence, Assisted Learning Services, Mr.Prabakaran Samuels, Trainer & Coordinator, Mr.Amaladass, Trainer & Coordinator, Mr. Ashwin Mahesh, Assisted Learning Expert respectively. About 1288 students attended the seminar.

PARENTS MEETING FOR II UG STUDENTS (SHIFT II)



Parents Meeting for the II UG Students (Shift II) was held on 24th September, 2022 between 10.30 am and 12.00 pm at Kamarajar Arangam. Rev. Dr. Samson Shanmugam SDB invoked the blessings of God through his prayer song. Mr.C. Thirupathy, Head (UG), Department of Physics, Shift-II welcomed the gathering and he emphasized on the importance of parents meeting. Rev. Dr. John Alexander, SDB, Rector and Secretary, gave the presidential address. He spoke on the responsibility of the parents for the welfare of the students. Rev. Dr. K.A. Maria Arokiaraj SDB, Additional Principal, gave the introduction message to the II UG students. He explained the rules and regulations of the college, discipline of the college, norms of using mobile phones in the campus, dress code, behaviour of the students, fee structure, opportunities of studying in SHC and the availability of various scholarships etc. Master of Ceremony and Vote of thanks were given by Dr. K. Anbarasan, Asst. Prof. Dept. of Tamil.



INTER-COLLEGIATE IT FEST SPACE' 2022



The Department of Computer Science (Shift-I) organised an Inter-Collegiate IT Fest titled SPACE' 2022 on 23rd September, 2022. During the inaugural session Mr. D. Ramachandiran, Sub Registrar, Tamil Nadu Cooperative Department, Tirupattur, Alumnus, Sacred Heart College was the Chief Guest. He delivered the Presidential and Inaugural Addresses. The events of the fest include: Geek Speak, Techno Freak, Connexions, Ad-Zap, Media Mirchi, Animatronics, Clash of Codes and Star of

Space respectively. Mr. S. Sathiya Murthy, MD, Cloudstire Solutions, Mr. C. Venkatesh Senior Business Analyst Lead, Citi Bank, Mr. Affridi and Mr. BalaKumaran, Alumni, Sacred Heart College were present. Mr. Sathiya Murthy delivered the Presidential Address and Mr. C. Venkatesh delivered the Valedictory Address. The winners of all the events were given the certificates and cash prize. The Star of Space event was won by Ms. Fiza Fathima, Islamiah Women's College, Vaniyambadi. The overall championship was won by the Department of Computer Applications, Auxilium College, Vellore. About 300 students from various colleges attended the event.



BOOK EXHIBITION' 2022



The Department of Library, Sacred Heart College along with Sacred Heart Institute of Management Studies (SHIMS) and the Department of Computer Applications organized a Book Exhibition between 19th and 21st September, 2022 at the College Library. The exhibition was inaugurated on 19th September 2022 by Rev. Dr. D. Maria Antony Raj, Principal in the presence of faculties, library staff and

the students. About 2500 titles were displayed on various subject areas such as Tamil, English Literature, General Books, History, Psychology, Competitive Examinations and Physics. Some of the prominent publishers such as New Century Book House, Discovery Book Palace, Manjul Publishing House, Sudharsan Publications, Nestling Books Publishing and Distributors (P) Ltd showcased their new arrivals.

WORKSHOP ON VACCINE-OVERVIEW & PRODUCTION



The PG and Research Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur organized a One Day Workshop on “Vaccine-Overview & Production” on 29th September, 2022. Dr. G. Sivaelango, President, PG Association welcomed the gathering. Rev. Dr. John Borg SDB felicitated the resource person Dr. S. Jagannathan, Assistant Research Officer, Pasteur Institute of India, Coonoor, Nilgris with a memento. Dr. A. Jayaprakash, UG (Head), felicitated

Rev. Dr. John Borg SDB, the COE and Academic Guide with a memento. Rev. Dr. John Borg SDB gave the inaugural address. In his inaugural address, he explained the importance of vaccine during the Covid-19 pandemic and advised the students to learn about vaccine production. Dr. A.C. Gomathi, PG (Head), introduced the resource person. The resource person, Dr. S. Jagannathan in his lecture elaborated on the different types of vaccines and its uses. He provided an elaborate view on vaccine production. Rev. Dr. John Alexander SDB, Rector & Secretary delivered the valedictory address. He congratulated the students and faculty members of the department on organizing the workshop and distributed certificates to the outstation participants. Dr. V. Gopalakrishnan, President, UG Association proposed the vote of thanks. About 130 participants from various colleges attended the workshop.



NATIONAL CADET CORPS (NCC), ALL INDIA THAL SANIC CAMP (TSC)



SGT. P. Sharma, III. B.A Economics (Shift – I), NCC Cadet, Sacred Heart College (Autonomous), Tirupattur had participated in the All India Thal Sanic Camp (TSC) held at DG. NCC – Garrison Parade Ground, New Delhi between 12th and 25th September, 2022. He was selected after the successful completion of 10 various training camps at group level selection. He was one among the 36 NCC Cadets in the Directorate Team of TN, PAN, AN & Nicobar attending such prestigious NCC Camp from the NCC Unit of Sacred Heart College (Autonomous), Tirupattur. In the above mentioned camp SGT. P. Sharma had exhibited his talents and skills in obstacle course and tent pitching competition at the all India level. The Management and NCC Cadets profusely thank the Commanding Officer of 12 (TN) BN NCC, Salem and Army Staff for their support and efforts.

NATIONAL CONFERENCE ON ADVANCES IN MATERIALS RESEARCH (NCAMR' 2022)



The PG and Research Department of Physics, Sacred Heart College (Autonomous) had organized the One-Day "National Conference on Advances in Materials Research" on 30th September, 2022. During the inaugural session Rev. Dr. G. Theophil Anand, SDB welcomed the gathering. Rev. Dr. John Alexander, Rector & Secretary inaugurated the event and gave the presidential address. Dr. A. Chandrasekaran, Asst. Prof., SSN College

of Engineering, Chennai led the first session on "Natural Radioactivity and the Associated Radiation Hazards". In his talk, he presented the concept of natural radioactivity, and its importance in the field of research and especially in materials research. He also mentioned the impact of radiation and relevant problems associated with radiation in society and the hazardous effect of radiation and the way of protection from radiation hazards. The session was chaired by Dr. S. Kalaiarasi, Asst. Prof., Department of Physics. During the second session Dr. J. Senthil Selvan, Asst. Prof., Department of Nuclear Physics, University of Madras, Chennai spoke on "Indigenous Crystal Growth from Solutions". In his talk, he explained the basic mechanism of crystal growth, methods of crystal growth, and especially the process of preparing high-quality crystals from the solutions. He also spoke about the applications of crystals in the field of nonlinear optical materials, liquid crystal displays, sensors, piezoelectric materials, and the importance of crystal growth technology in the current scenario. Dr. M. Jose, Head (PG), Department of Physics, chaired the session.

Paper and poster presentations by the participants were held in two parallel sessions. Dr. P. Vivek, Assistant Professor, Sri Sankara Arts and Science, Enathur, Kancheepuram addressed the third session on "Photon Upconversion Nanomaterials and their Multifunctional Applications". In his talk, he explained the synthesis of nanomaterials, the fabrication of nano-sized materials by using various techniques, and their applications as sensors, super capacitor materials and drug delivery systems.

During the valedictory session Mr. C. Thirupathi, Head (UG) Shift-II welcomed the gathering, followed by the valedictory address by Rev. Dr. K. A. Maria Arockia Raj, SDB, Additional Principal. Best oral presentation and poster presentation awards were given by Rev. Dr. K. A. Maria Arockia Raj along with Dr. A. Albert Irudhayaraj, Head (UG), Department of Physics. Certificates for all the participants were distributed. About 150 internal and external participants from 10 other institutions were present for the conference. Dr. L. Anandaraj, Organizing Secretary, NCAMR-2022 proposed the vote of thanks.



ORIENTATION PROGRAMME ON PROFESSIONAL COURSES



The PG Department of Commerce (Shift - II), Sacred Heart College (Autonomous), Tirupattur organized Orientation Programme on Professional Courses on 07th September, 2022. The resource person of the event was the **Mr.T. Pothi Madhavan, Chartered Accountant, Chennai**. He talked about the professional courses in the stream of Commerce and Management, especially CA Course and Financial Planner Career. About **125 students** attended the event.

INVITED LECTURE ON CAREER OPPORTUNITIES IN CHEMISTRY

The Department of Chemistry (Shift I) organized an Invited Lecture on **Industrial Safety** on 10th, October, 2022. The resource person for the event was Mr. G. M. Srinivasan, Petrochemical Technologist, Managing Director, Galileovasan Pvt Ltd, Nagapattinam. In his lecture he elaborated on the vast career opportunities in the field of chemistry for undergraduate and postgraduate students and the lecture included careers in the field of petrochemicals, paints



and pharma. The petrochemical industry offers jobs at the offshore, onshore plants and refinery. Paint industry includes industries producing water based, automobile paints, ship, aerospace, wood and powder paints.

Dr.S.R. Xavier Rajarathinam, Head, Department of Chemistry (Shift I), Dr. Arokia Napoleon Raj, Head (UG), Department of Chemistry (Shift II), Dr. Collins ArunPrakash, Head (PG), Department of Chemistry (Shift II), the faculty members and students of the department graced the occasion.

ELLITES' 2022

The PG & Research Department of English, Sacred Heart College organized the State Level Inter- Collegiate Competition titled English Language and Literature Inspired Talent Expression (ELLITES' 2022) on 30th September, 2022. The sixth edition of ELLITES was packed with twenty events. During the inaugural session Rev. Dr. K. A. Maria Arokiaraj SDB, Additional Principal, Head, PG & Research Department of English welcomed the gathering and delivered the dynamics of the event. Mrs. J. Mary Jenif, Head (UG), Department of English introduced the Judges to the participants. The winners were awarded cash prizes, books and certificates. Rev. Fr. P. M. Thomas & IAC overall rolling trophy was bagged by Islamiah College for Women, Vaniyambadi. About 241 participants from 12 colleges participated in the event.

SILVER JUBILEE CELEBRATION



On 08th October, 2022 at 11.30 a.m. in Kama-
rajarArangam, Sacred Heart College,
celebrated the Silver Jubilee of two teaching
faculty and eleven non - teaching staff, reck-
oning their twenty five years of service for
the institution.

The Rector, Rev.Dr. John Alexander,
welcomed and felicitated the jubilarians,
Dr. A . Xavier Susairaj, Dr. G. Britto Anto-
ny Xavier, Mr. L. Arockiadoss,
Mr. R. Arockiasamy, Mr. D. Emmanuvel,

Mr. S. Francis Xavier, Mr. A. John Peter, Mr.
S. Lucas, Mr. S. Mudiyanappan,
Mr. L. V. Rajesh Kumar, Mr S. J. Sampathku-
mar, Mr. S. SelvaPushparaj and Mr. A.
Swaminathan . He introduced them to the
audience and appreciated their service offered
to the institution. Rev. Dr. D. Maria Antonyraj,
the Principal, organized the felicitation of the
jubilarians on behalf of the management. Dr. S.
R. Xavier Rajarathinam, the Vice-Principal,



Academic, Shift – I, expressed his response to
the jubilarians on behalf of the teaching staff.
Dr. R. Murali, the Staff Secretary, felicitated the
jubilarians on behalf of the teaching staff.
Mr. Mathias, the Office Superintendent,
coordinated the felicitation of the jubilarians on
behalf of the non - teaching staff. Rev. Dr. G.
Theophil Anand, the Vice-Principal, Ad-

ministration, Shift – I, organized the felicitation of
the jubilarians on behalf of the student
community. Mr. Nicolas, the Secretary of Alumni
Association, assisted the felicitation of the
jubilarians on behalf of the Alumni. Dr. Napoleon,
the staff secretary of self-financed teaching staff
honoured the jubilarians on behalf of the
management staff. Dr. A. Xavier Susairaj, Head of
the Department of Economics, the jubilarian, expressed his response and gratitude to the
institution on behalf of the jubilarians. The audience were entertained with dance and musical
performances by students.



The Vote of Thanks was delivered by Dr. D. Ajay, Assistant Professor of Mathematics. He
thanked the management, jubilarians, teaching fraternity, the non teaching staff, the alumni, the
students and the well wishers for their oneness and extensive support in organizing the
celebrations.

SACRED HEART BUDDING INNOVATOR AWARD - SHBIA' 2022



Sacred Heart Budding Innovator Award - SHBIA' 2022 is an annual national competition organized for the school students pursuing their studies in various grades in the schools. This is the first edition of the event organized by the college to harness the innovative potent of the young budding minds for a better nation. The competition was categorized as products and processes. SHBIA for 2022 was held on 18th October, 2022, Tuesday at 9.30 a.m. in the Kamaraj Arangam, in the College. The theme for

this edition of SHBIA was “Waste Management”

The College recognizes young inventors and introduces their innovations and ideas to the society through the event called SHBIA (Sacred Heart Budding Innovator Award). It is an initiative of the Centre for Innovation and Business Incubation (CIBI). The award aims at encouraging and promoting scientific interest to implant the seeds of research among young innovators, so as to build upon the innovative ideas in transformation for the sustainable development of our nation. The



mega event was inaugurated by Tmt. I. Valarmathi, the Asst. Collector of Tirupattur District and Mr. R. Madan Kumar, the CEO of Tirupattur District, Rev. Dr. John Alexander, SDB, Rector and Secretary of the College, the Principal of Sacred Heart College, Rev. Dr. D. Maria Antony Raj, SDB. Tmt I. Valarmathi, the Asst. Collector in her address to the budding innovators, was highly appreciative of the student's enthusiasm and creative ideas displayed at this young age. She encouraged them to go for greater innovations that would greatly help the people of our Nation. The CEO Mr. R. Madan Kumar,



spoke about the ill-effects of varied types of wastes and stressed on the increasing number of non-biodegradable wastes in our daily life like pens, brushes that need our immediate attention. He insisted that the budding innovators should work on finding solutions for such common problems in our day to day life. This mega extravaganza attracted as many as 1100 boys and girls from 40 schools of Tirupattur District and other neighbouring districts of Tamil Nadu. The students presented their innovative ideas and working models on the topic “Waste Management”. The Chief Guests examined these and selected the best ones. Prizes and certificates were awarded to the winners. The valedictory function was headed by the District Education Officer, Tirupattur, Mr. Vedaprakash and Rev. Dr. K.A. Maria Arockiaraj, the Additional Principal, Sacred Heart College, Tirupattur. The DEO highly appreciated the noble initiative of the management of Sacred Heart College, and encouraged the young scientists to be more proactive and productive. He also distributed the awards to the tune of Rs.60, 000 to 66 winners. The event concluded with the National Anthem. SHBIA was organized and coordinated by Rev. Dr.G.Theophil Anand, SDB, Vice-Principal, (Admin) Shift I, and Dr. Saranraj, Head Department of Micro Biology and was assisted by faculty of different departments.



NATIONAL WORKSHOP ON KOTLIN



The Department of Computer Science (Shift II) had organized the “National Workshop on Kotlin Program” on 14th October, 2022 in Kamarajar Arangam. Rev. Dr. John Alexander, Rector and Rev. Dr. K.A. Maria Arockiaraj, Additional Principal graced the event and felicitated the gathering. The resource person was Mr. Kaviarasan, Lead, Android Developer, RetranzInfolab Pvt.Ltd . The workshop was divided into

four sessions. The students were taught by the resource person through the IntelliJIdea tool and/or with the online compiler Kotlin programme. A demo session on how to develop Kotlin language, android app through Android Studio was given. Physical certificates were given to the participants. About 575 students and faculty members participated in the workshop.



BLOOD DONATION CAMP



The P.G. & Research Department of Social Work in association with the National Service Scheme (NSS) Unit of Sacred Heart College (Autonomous), Tirupattur collaborated with the Christian Medical College, Vellore and organized a Blood Donation Camp for a novel cause in reaching out to cancer patients on 28th August, 2022. The purpose of this programme was to raise awareness about blood

donation, educate students on the importance of donating blood to the needy and further help female students understand their hemoglobin level. More than 161 units of blood were donated with the participation of 201 volunteers. Dr. K. Arockiaraj, Asst. Professor, Department of Social Work, Dr. Mohan Gandhi, Dr. U. Ramesh and Dr. Clayton Michael Fonceca NSS Programme Officers collectively led the initiative.



FACULTY DEVELOPMENT PROGRAMME AT CHRIST UNIVERSITY, BANGALORE



A Two Days National Conference was organized by the Centre for Education Beyond Curriculum at CHRIST (Deemed to be University), Bangalore between 21st and 22nd September, 2022. Sacred Heart College encouraged two faculty members (Dr. K. Arockiaraj and Dr. George Louis Raja) to attend the conference. Rev. Dr. Thomas C Mathew, the Prior General CME Congregation & Former

Vice Chancellor was the guest of honour, Rev. Fr. Ambrabham, Vice Chancellor gave the inaugural address. Eminent speakers from all over the world were invited offline and online to share their insights under the following themes: Internationalization of Higher Education, Higher Education Transformations for Global Competitiveness, Policy Responses, Social Consequences and Its Impact on Academic Profession in Asia, Global Higher Education: Redefining Boundaries, the Changing Perspectives in Indian Higher Education, Changing Perspectives in Curriculum Design and Delivery, Opportunities for Institutions, through I-STEM, Emerging Ways of Enriching Student Learning and Experience, Metaverse and the Emerging Learning Tools, Post Pandemic Insights for Institutions, Embedding the Culture of Research-Based Teaching. About 43 papers were presented on various subthemes of the conference. Dr. Shyam Menon, the Executive Vice President, University of Delhi gave the valedictory address.

MOU BETWEEN PG & RESEARCH DEPARTMENT OF ECONOMICS, SACRED HEART COLLEGE AND RS WINNERS ACADEMY, CHENNAI.



The PG & Research Department of Economics (Shift I) organized the Inauguration of MoU between Department of Economics and RS Winners Academy, Chennai on 14th October, 2022. Dr. A. Xavier Susairaj, Head & Associate Professor of Economics welcomed the gathering and the chief guest Dr. RS. Rajan. Dr. U. Ramesh, Convenor of MoU introduced the chief guest and briefed the purpose of MoU. Chief Guest Dr. RS. Rajan, Former Senior Manager (Rtd), BHEL, Trichy., Global Ambassador, Vestige Marketing Private, LTD., Delhi presided

over the programme and delivered a talk on “Empowering Youth to Face the Future”. Dr. J. Jacob Stanley Inbaraj, Head (UG) delivered the vote of thanks. The programme was organized by Dr. U. Ramesh and coordinated by Mr. R. Sankaran and assisted by other faculty members of the department.

REPRESENTATION OF SACRED HEART COLLEGE FOR DRAFTING THE RECOMMENDATIONS FOR STATE EDUCATION POLICY



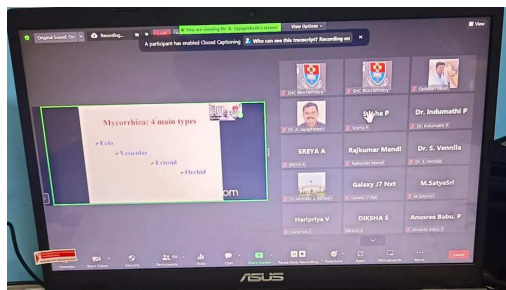
The Tamil Nadu Catholic Educational Association (TNCEA) initiated a discussion to recommend for drafting Tamil Nadu State Education Policy. Sacred Heart College had the privilege to actively take part to identify and propose recommendations for the higher education sector. The Tamil Nadu Bishop Council initiated a focused discussion with representatives from many educational institutions in Tamil Nadu to draft recommendations for the State Education Policy. Dr. K. Parthibaraja and Dr. K. Arockiaraj represented Sacred Heart College led by the Rector Rev. Dr. John Alexander to draft a policy proposal for higher education to be considered in Tamil Nadu State Education Policy. Four levels of meeting with representatives from different higher educational institutions enabled a draft proposal which included critics on the existing practices and recommends new guidelines to enhance equal, inclusive and quality education for all youth in Tamil Nadu. The document emphasised the contributions of Catholic institutions at all levels of education which caters to the majority of the state population. The proposal also contained recommendations from primary education, secondary education, higher education, technical education and medical education. The policy recommendation document was submitted to the Honourable Justice D. Murugesan on 05th October, 2022 at Anna University representing Christian Community. The delegation was led by his grace George Antonysamy, President, TNBC & TANCEAN.

WORKSHOP ON THE PREPARATION OF CSIR-NET IN PHYSICAL SCIENCES



The PG & Research Department of Physics organized a two-day workshop on the “Preparation of CSIR-NET in Physical Sciences” between 24th and 25th September, 2022. The resource person was Dr. R. Tamil Thiruvalluvar, Research Associate - CSIR, Government College for Women (Autonomous), Kumbakonam. Dr. M. Jose, Head (PG) welcomed the gathering and delivered the keynote address. Mr. M. Aravinthraj, Assistant Professor introduced the resource person. The resource person gave training on topics like mathematical physics, instantaneous value, average values, problems on instantaneous values and average values, analytical geometry, constant velocity, instantaneous velocity, algebraic equations, classical particle in position and momentum, unit vector, Newton’s equation, Lagrangian equation, boundary conditions, degrees of freedom, constrain problems, finding the position vector of the particle with problems with average velocity, the average acceleration, polar functions, and curvilinear coordinates. About 48 students benefited out of this program.

VIRTUAL LECTURE WORKSHOP ON RECENT ADVANCES IN MICROBIOLOGY AND BIOTECHNOLOGY



The Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur in association with the Indian Academy of Sciences organised a two-day virtual lecture workshop on Recent Advances in Microbiology and Biotechnology on 11th and 12th October, 2022. Dr. D. J. Bagyaraj, INSA Honorary Scientist and Chairman, Centre for Natural Biological Resources and Community Development

(CNBRCD), Bangalore was the Convener of the workshop. During the inaugural programme Rev. Dr. John Borg, COE & Academic Advisor, Department of Biochemistry delivered the inaugural address. The first technical session began with Dr. Dipshikha Chakravorty, Professor, TATA Innovation Fellowship, ASTRA Chair Professorship, DAE SRC Fellow, Humboldt Fellow, Department of Microbiology and Cell Biology, Associate Faculty, Biosystems Science and Engineering, Indian Institute of Science, Bangalore, entitled on "Quorum sensing." The second session was delivered by Dr. Dipshikha Chakravorty, Professor, TATA Innovation Fellowship, ASTRA Chair Professorship, DAE SRC Fellow, Humboldt Fellow, Department of Microbiology and Cell Biology, Associate Faculty, Biosystems Science and Engineering, Indian Institute of Science, Bangalore. During the third session Dr. D. J. Bagyaraj, INSA Honorary Scientist and Chairman, Centre for Natural Biological Resources and Community Development (CNBRCD), Bangalore spoke on "Arbuscular mycorrhiza fungi for Sustainable Agriculture." The last lecture of the day was delivered by Dr. D. J. Bagyaraj, INSA Honorary Scientist and Chairman, Centre for Natural Biological Resources and Community Development (CNBRCD), Bangalore. He dealt with the Lecture entitled Microorganisms and Human Welfare. The lecture was followed by questions from the participants.



On the second day the first technical session was addressed by Dr. T.K. Adhya, FNA, FNASc, FNAAS, FFAST, FAMI, Director, South Asia Nitrogen Centre, New Delhi, Co-Director (Science), UKRI-GCRF South Asia Nitrogen Hub & Professor, School of Biotechnology, Kalinga Institute of Industrial Technology (Deemed University), Bhubaneswar, Odisha on "Soil microbiome: biodiversity under our feet". The second session was titled "Role of Biotechnology in Crop Production" delivered by Dr. Harinikumar K.M, Professor and Head, Dept. of Biotechnology, University of Agricultural Sciences, Bangalore. The third technical session was by Dr. Harinikumar K.M, Professor and Head, Dept. of Biotechnology, University of Agricultural Sciences, Bangalore, entitled on "Biofuel for a Sustainable Future and Entrepreneurship Development". The final technical session was titled "Plant microbiome - looking at the future" delivered by Dr. T.K. Adhya, FNA, FNASc, FNAAS, FFAST, FAMI, Director, South Asia Nitrogen Centre, New Delhi, Co-Director (Science), UKRI-GCRF South Asia Nitrogen Hub & Professor, School of Biotechnology, Kalinga Institute of Industrial Technology (Deemed University), Bhubaneswar, Odisha. Dr. A. Jayaprakash, Head (UG) and the faculty members of the department moderated the various sessions. During the valedictory session Dr. I. Niyas Ahamed, Coordinator of the Workshop proposed the vote of thanks. About 300 participants from 10 different states attended the event.

SHINE' 2022



The PG and Research Department of Computer Applications, Sacred Heart College, Tirupattur organized the Annual IT Meet SHINE' 2022 on 24th September, 2022. This is the twenty third version of the IT Symposium. The whole competition was conducted in campus, in which 71 participants from 7 colleges across Tamil Nadu. The events namely: Tech Talk, Trouble Shoot, Garming, and Animation were conducted. Mr.R. Veeraragavan, Asst. Prof. & Association President co-ordinated the event along with the faculty members and students of the department.

WORKSHOP ON CLOUD SANDBOXING WITH AWS & CYBER SECURITY



The PG and Research Department of Computer Applications organized a One Day Workshop on “Cloud Sandboxing with AWS & Cyber Security” on 23rd September, 2022. The workshop was handled by Dr. Arokia Paul Rajan, Associate Professor and Dr. Arul Kumar Assistant Professor, Christ University, Bengaluru. About 283 participants from 17 colleges participated in this workshop. The major focus was inheriting the latest security controloperated by AWS; strengthening

compliance while also receives access to tools that can be used to reduce cost and time to run specific security assurance requirements.

INVITED TALK ON JAMES WEBB SPACE TELESCOPE

A Two-Day Workshop towards Emotional Wellbeing of Young People was organized by Don Bosco Higher Education Indian Network at Don Bosco College of Arts and Science, Yellagiri Hills between 25th and 27th August, 2022. The workshop focused on “Faculty Empowerment with Therapeutic Skills”. The workshop inculcated the facilitation skills towards emotional wellbeing of young people. The technical sessions were excellently mastered by Rev. Fr. John Britto Belevendran. During the valedictory session Rev. Dr Thaddeus SDB, Principal, Don Bosco College, Yelagiri Hills gave a thoughtful session on acquiring therapeutic skills. About 13 teaching faculty from Sacred Heart College attended the event.

MURPHY INTER-HOSTEL CRICKET TOURNAMENT' 2022



The Murphy Inter-Hostel Cricket Rolling Trophy Tournament was organized by Murphy Hostel, Sacred Heart College (Autonomous) on 15th October, 2022 in the college cricket ground. The inauguration was held at 7.00 am. Dr. Xavier Soosairaj, Head, Department of Economics was the chief guest and inaugurated the tournament. About 11 teams participated in the tournament from the hostels of Rinaldi, Guezou, Murphy, including Salesians, Teaching, and

Non-teaching

staff. Around 10 matches were played, and each innings consisted of 6 overs per match and the day concluded with the semi-finals. The final match and valedictory were held on 16th October, 2022. Dr. Britto Antony Xavier, Associate Professor, Department of Mathematics was the chief guest and gave the valedictory address. The prizes were



distributed to the winners in the presence of Rev. Dr. Maira Antonyraj, Principal, Rev. Dr. Maria Arokiaraj, Additional Principal along with the other Salesians of Sacred Heart Community. The winner of the tournament was 'Murphy Team-A' and the runner up was 'Rinaldi Team-C' respectively.



பேச்சுத்திறன் பயிற்சி

தமிழ்த்துறை வீரமாமுனிவர் தமிழ் மன்றம் சார்பாக கடந்த 17.10.2022 திங்கட்கிழமை, போப் ஃபிரான்சிஸ் அரங்கில் மதியம் 2 மணிக்கு மாணவர்களுக்கான 'பேச்சுத்திறன் பயிற்சி' நடைபெற்றது. கல்லூரி விழா மேடைகளிலும், போட்டிகளிலும் பங்கேற்கும் மாணாக்கர்கள் எவ்விதம் தமது பேச்சை வளப்படுத்த வேண்டும். ஒரு சிறந்த பேச்சு எப்படி அமைய வேண்டும் என்ற வகையில் இப்பயிற்சி அமைந்திருந்தது. இந்நிகழ்வில் கல்லூரி முதல்வர் அருட்திரு தா. மரிய ஆண்டனி ராஜ் அவர்கள் ஆசியுரை வழங்கினார். தமிழ்த்துறைத்தலைவர் முனைவர் பொன் செல்வகுமார் தலைமை வகிக்க, தமிழ்மன்றத் தலைவர் முனைவர் கி. பார்த்திபராஜா வாழ்த்துறை வழங்கினார். குடியாத்தம் திருமகள் ஆலை அரசினர் கல்லூரியின் தமிழ்த்துறை உதவிப்பேராசிரியரும் கவிஞருமான முனைவர் சம்பத் குமார் பேச்சுத்திறன் பயிற்சியினை வழங்கினார். இந்நிகழ்வை முனைவர் ஆ. பிரபு ஏற்பாடு செய்து ஒருங்கிணைத்தார். 100 மாணவர்கள் இந்நிகழ்வில் கலந்துகொண்டு பயன்பெற்றனர்.

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