

# SHIYA - 2020



All India Young Innovator Award Competition was organized by Sacred Heart College, Tirupattur on 28.02.2020. It showcased 95 discoveries by 275 students from the Arts and Sciences Colleges of India. In particular, Students from Karnataka, Andhra Pradesh and Puducherry participated in the event. A team of specialists from Tamil Nadu visited the exhibited findings, evaluated the process and selected the top three innovations. They were given a certificate of appreciation and were awarded cash prizes. Arrangements were made on behalf of the Intellectual Property Rights Center of the College to obtain patent for the selected inventions.

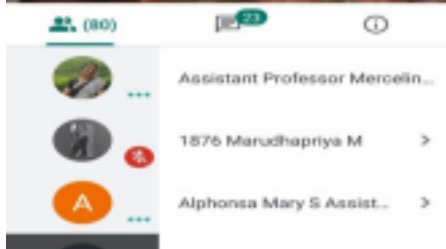
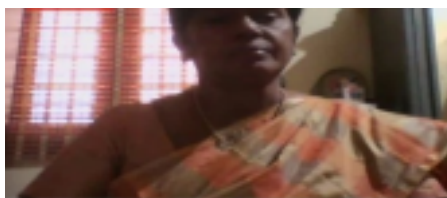
Tirupattur District Collector, Mr. M.P. Sivanarul, inaugurated and addressed the gathering. He motivated the students to take part in such competitions. He said that, only with innovations, the society can progress. The Principal, Rev. Dr.D Maria Antony Raj, Rev. Dr. C.Antonyraj, the Secretary presided over the function; the Vice-Principal of Shift-II, Rev. Dr. G. Theophil Anand, meticulously planned and coordinated the program.

Innovations on ensuring the safety of women, useful tools and technologies for the farmers, environment, health and hygiene were welcomed by the visitors. Of the 95 inventions that were on display, Sacred Heart College won the first three places for the best thought and innovation. The first place was given for the project titled **Portable Electronic Mobile Charging**, the second place was given for the project titled **Soilless Medium for Rooftop** the third place was given for the project titled **Degradable Sanitary Napkins**. Those who received the first three places were awarded cash prizes with Citation Award.

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## Webinar on Creative Thinking in Entrepreneurship for Women



The Women Cell, Sacred Heart College (Autonomous), Tirupattur organized a webinar titled Creative Thinking in Entrepreneurship for Women on 28th January, 2021. The III UG Girl Students (Arts) attended the session. Dr. S. Alphonsa Mary, Assistant Professor, Department of English welcomed the resource person and the participants. The program commenced with a prayer by Dr. A. Arokia Mary, Assistant Professor, Department of Business Administration, Miss G. Pavithra, III B.A English delivered the welcome address. The resource person of the day Dr. Auxilia Antony, Assistant Professor, Department of Commerce, Auxilium College, Vellore

was introduced by Miss Ruby, III B.B.A with great reverence.

The resource person addressed the gathering and acknowledged the major role played by women in shaping society. She emphasized the fact that women are no longer confined to the domestic domains and stereotypes of society. She highlighted the fact that women have evolved and have shattered all the restrictions that once confined them. From running a family to flying aircrafts women have never failed to prove their worth. By quoting the examples of women achievers she brought in the concept of entrepreneurship and the importance of being independent, creative and unique. About 96 participants attended the session. The webinar concluded with the Vote of Thanks by Miss Marudha Priya, III B.A English.

## Distribution of IVDP Scholarship

The IVDP Scholarship was distributed to 121 students on 22<sup>nd</sup> January, 2021 at Sacred Heart College (Autonomous), Tirupattur. Rev. Fr. S. Henry Daniel Ambrose welcomed the gathering. Rev. Dr. John Alexander Rector & Secretary inaugurated the programme with his inaugural speech. Rev Dr. D. Maria Antony Raj, Principal and Rev. Dr. K. A. Maria Arokia-raj, Additional Principal (Shift II) felicitated the gathering. In their address they appreciated the generosity of Mr. Kulandai Francis and urged the students to be generous to the needy now and in the future. Mr. Kulandai Francis, Founder and President, IVDP distributed the scholarship of Rs.7500/- each to 121 orphan/semi orphan students of Sacred Heart College (Autonomous), Tirupattur. The management of Sacred Heart College along with beneficiaries thanked Mr. Kulandai Francis whole heartedly for his generosity and commitment towards the betterment of vulnerable youth of our society.



A dream should transform one's thoughts into outcomes, and those outcomes into actions. He urged students to run for elections and take roles in government by becoming Ministers, MLAs, IAS and IPS etc. He closed his address by encouraging students to be more grateful to their parents, as they are attending a prestigious college because of their parents' sacrifices.

In her address to the gathering, the Guest of Honour, Dr. Kaveriammal, Regional Joint Director of Collegiate Education, Vellore, praised and congratulated the professors and students on their accomplishments. She inspired students by recounting her personal difficulties and ascension to the position of Regional Joint Director of Collegiate Education, Vellore. She emphasized that in order to succeed, students must study hard, be true, honest, and self-disciplined. She also encouraged children to be grateful to their parents, calling it the most divine of all virtues.

In honour of Ravi P. Agarwal, a prominent Indian mathematician, Dr. G. Britto Antony Xavier, Assistant Professor, Department of Mathematics, published an International Journal of Mathematica containing 25 peer reviewed articles. The college day also featured a number of cultural performances performed by students. Rev. Dr. K.A. Maria Arokiaraj, SDB, Additional Principal, Rev. Dr. Praveen Peter, SDB, Vice Principal, (Admin, Shift I), Rev. Dr. G. Theophil Anand, SDB, Vice -Principal, (Admin. Shift II), Rev. Dr. Gandhi Kallarasan, SDB, Campus Minister, Rev. Fr. Sathiyathan, SDB, Administrator, Rev. Fr. Daniel Ambrose, Director, Extension Education & Services, Deans, Heads of the Departments, faculty and students graced the occasion. Rev. Dr. G. Theophil Anand, SDB, Vice-Principal, delivered the vote of thanks (Admin. Shift II).

## SHYIA 2022



Sacred Heart College (Autonomous), Tirupattur organised SHYIA - Sacred Heart Young Inventor Award on 11<sup>th</sup> April, 2022. The annual event recognizes the young inventors and introduces their innovations and ideas to the society. Mr. Amar Kushwaha, District Collector, Tirupattur inaugurated and released the proceedings of SHYIA. In his address to the young innovators, the collector described the nature of innovation. Being from a rural background, he described the challenges he faced

and the efforts he took to overcome them. He urged the students to be more pragmatic in their approach to be innovative. He said that, there are huge funds available from the government for innovation and development of Tirupattur District, but these funds have not been utilized still. He wanted young innovators to take initiatives that will benefit the society and look for problems and challenges that need to be addressed for the next generation.



# 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 6<sup>th</sup> 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 SHIYA. 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 participants. 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.

## 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.





## Job Fair

Sacred Heart College in collaboration with the Vazhikaatti team from Chennai organized a mega job fair for the students on 21<sup>st</sup> February, 2019. Rev. Dr. Xavier Pakkam, Economer, Salesian Province of Chennai and Rev. Dr. C. Antonyraj, Rector inaugurated the job fair. Rev. Fr. J. Andrews Raja, Director, Vazhikaatti, explained the proceedings to all the registered students for the job fair. 660 boys and girls from both Shift-I & II registered for the job fair. Most of the students turned out to attend the campus interview. There were also around 50 spot registrations. 22 companies participated in the job fair. It was a great endeavour for the students, many were placed and invited to next level of interview.



## One Day Workshop on Entrepreneurial Development

The Department of Commerce (CA) organized a workshop on 11<sup>th</sup> January, 2019 at Carreno Hall. Rev. Fr. Andrews Raja, Department of Social Work elaborated on the Rural Entrepreneurship and Sustainable Livelihood. Mr. Vasanth, Assistant Engineer, District Industries Council, Vellore detailed on MSME, Micro Industries, UIEGP, Prime Minister Control Scheme, and New EDP Scheme. Mr. S. Sivaraman, Advocate, Export Import Consultants explained about the District MSME Report, Import and Export Business, Banana Export Business Process. Rev. Fr. S. Henry Daniel Ambrose, Department of Social Work rendered the Challenges of Women Entrepreneurship. Mr. Pradeep, Assistant Manager Indian Bank covered the area of Process of Entrepreneurs Access the Financial Institution. The speakers motivated and suggested innovative ideas to the students to become successful entrepreneurs.

