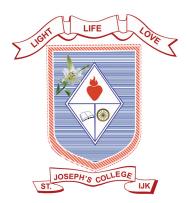
# ANNUAL REPORT 2022-23





# ST. JOSEPH'S COLLEGE

(Autonomous), Irinjalakuda

# Annual Report 2022-23

Esteemed luminaries on the dais, Smt. Aishwarya Dongre IPS, (Superintendent Police (Rural), Thrissur), His Excellency Mar Pauly Kannookkadan, (Bishop, Diocese of Irinjalakuda), Rev. Mother Dr. Annie Kuriakose, (Superior General, Congregation of the Holy Family), Rev. Sr. Kokkatt, (Manager Provincial Superior, CHF, Pavanatma Province, Irinjalakuda), Ms. Sonia Giri, (Municipal Chairperson), Ms Feny Abin Vellanikkaran (Ward Councillor), Mr. Davis Ukken, (PTWA President), Retiring faculty member Dr Asha Thomas (Dean of Arts, Head & Associate Professor, Dept of English), Mrs. Pouli M.R (Lab Assistant, Dept of Zoology), Ms Ranjana P.H (College Student Union Chairperson), other dignitaries off the dais, Rev. Fathers, Rev. Sisters, family members of the retirees, other invited guests, former principals, retired faculty and staff, parents, guardians, well-wishers, members of the press and visual media, dear colleagues and my dear students,

Warm greetings of 59th College day!

"Take delight in the Lord, He will give you the desires of your heart" (Psalms-37:4)

With humbled heart and elevated spirit, St. Joseph's College stands at the zenith of success as the best women's College in Kerala and the second best in India in the NAAC Assessment, securing the very reputable and prestigious A++ grade with 3.66 points. We bow our heads in gratitude to all who have been our anchors of support in our pursuit of excellence. St. Joseph's College is devoted in achieving the vision and mission of empowering young minds as envisaged by our founders. St. Joseph's College feels the grace of Divine intervention in our paths of toil and moments of struggle.

On the occasion of our 59th College Day, let us pay soulful homage to His Holiness Pope Benedict XVI who was raised to eternal glory. We also remember our dear departed Mr. A P George, one of the pioneers of the twenty- member committee, Ms. Sophiamma, Former faculty of Dept of Botany, retired non-teaching staff members Smt. Cicily K V, Mr. Kumaran M M, Smt. Annamkutty M P, Sr. Tresa Jane and Ms. Laya David who had been the bedrocks of St. Joseph's college with their due diligence and earnest commitment. May their souls rest in peace. The College community bids farewell to two

irreplaceable gems of the faculty and staff who step out of their professional life this year. Dr. Asha Thomas, Dean of Arts, Head & Associate Professor of English, who is a paragon of perfection and epitome of elegance. Her contributions to the institution are multifarious, as a benevolent teacher, a diligent controller of examinations, former IQAC Coordinator, Dean of Arts, an erudite Research guide and an efficient Head of the Department. We hold in high regard her meritorious services rendered in academic and non-academic pursuits of the college. Ms Pouli M.R, Lab assistant, Department of Zoology- an industrious human being with exemplary strength and perseverance throughout her career. She has been an inevitable part of the college for the last few decades. In a special way let me salute your priceless services to the college and wish you all good things when you move along newer pastures.

Let me enlist this year's activities of the Departments and Committees in a nutshell.

#### MILESTONES AT A GLANCE

- 1) St. Joseph's College (Autonomous) Irinjalakuda has been awarded the prestigious A++ Grade with 3.66 points by the National Assessment and Accreditation Council. The College is now the Best Women's College in Kerala and Second best in India. This achievement was accomplished under the leadership of the IQAC Coordinator Dr. Naijil George and team.
- 2) The College has won the All Kerala College Games Championship 2022, organized by Kerala State Sports Council.
- 3) The college has been recognized as the thirdbest Women's college in sports in the University of Calicut.
- 4) The college was awarded the Best Women's College Award instituted by K. Mohandas Ex. MP Foundation.
- 5) College was awarded the Kerala State E-Governance Award for E-Learning for the years 2019-20 & 2020-21.
- 6) The College library completed its renovation works providing fully automated unique facilities such as A.P.J Abdul Kalam Loggia, Lakshadweep Corner, Garden Library, Book Tower, Assistive technology for Divyangjan etc.
- 7) Cochin Museum under the auspices of the Dept of History was inaugurated.
- 8) Incubation centre was set up in the college

to facilitate the students to gain hands-on experience through their innovative ideas and to promote entrepreneurial temperament among the future youth population.

- 9) A fund of Rs 10 lakhs has been utilized for the renovation of Marian Hall with a facility of Nearline Teleconferencing.
- 10) Rev. Dr. Sr. Rose Bastin was honoured with the "Guruvarishta" Award instituted by the Kunjan Nambyar Smaraka Samskarika Samithi, Kidangoor.
- 11) Availing the MP fund of T N Prathapan the college bus service was inaugurated.
- 12) The college signed institutional MoU's with 17 colleges across India and 1 with the Xavier Board.
- 13) Outcome based education was implemented for Undergraduate students.
- 14) Teacher of the year Dr. Binu T V, Department of Botany.
- 15) Researcher of the year in Science Dr. Sr. Anjana Rose, Department of Chemistry. 16) Researcher of the year in Arts -

Dr. Jose Kuriakose, Department of History.

# DEPARTMENTS A. FACULTY OF ARTS ENGLISH (AIDED)

The Post Graduate and Research Department of English has launched "Connectte," a year long social extension programme in collaboration with C.M.S School, Irinjalakuda. The department offers three certificate courses for the students -"Soft Skills for Successful Career" by MHRD & GAD TLC in collaboration with six colleges, IELTS preparatory course and Multimedia Course in association with C-Dit, Kerala. As part of National Reading Week, the department has organized "Legamus," one week reading programme which included Mobile Book tour, Cosplay, Mobile quiz and Invited Lectures. An International Symposium was organized on "Why Should You Study Literature?" by our noted alumna Dr. Priya Menon, Troy University, USA in June 2022. Research methodology classes were given to final year UG and PG students by Dr. Bineeth Kumar in September 2022. As part of department extension activities, an academic visit was organized for II UG students to Hill Palace, Tripunithura in October 2022. Sagesse Lit, Sr. Mary Franco Memorial intercollegiate Literary Quiz Competition and Poets' Day were organized in December 2022, with participants from various colleges. Cash prizes and certificates were given to the winners. Faculty

and students of the department have made active participation in the NAAC visit 2023. UG & PG students of the department celebrated Onam and Christmas with the inmates of Santhi Sadan and offered them special gifts. Dr. Linet Sebastian has got a research guide ship from University of Calicut. Dr. Deepa Roy was awarded Ph.D by University of Calicut. Ms. Anju Antony was awarded the Best Teacher Award by the Rotary Club, Irinjalakuda. Two day National Seminar was organized by the department in March 2023. Retirement programmes were organized by the department in honour of Dr. Asha Thomas, Associate Professor & Head. Retired teachers of the department were invited to the retirement programme held in March 2023. Ruby Jubilee Souvenir of the department was released during the programme by Rev. Sr. Mary Pastor CHF, Former Head & Principal, St. Joseph's College, Irinjalakuda. As part of social extension, a cheque of Rs. 50,000/- was handed over to AMMA- home for the destitute at Mothirakkanny. The department won the Overall championship in Sports' Meet 2022-2023. Ms. Ranjana P.H, III BA English and the Union Chairperson won the title "Student of the Year 2022-23" and Ms. Aayisha Nazrin III BA English was the first runner-up. Students of the department were winners in various curricular and cocurricular events.

#### **ECONOMICS**

World Environment Day was celebrated by the PG Department of Economics in two days. On Sunday 5th June, the students planted tree saplings in their homes. On Monday 6th the teachers handed over saplings to the students and shared the idea of planting a sapling for a better tomorrow. II MA student Anitta Jose presented a seminar on nature conservation and global climate issues. On 25th July 2022, faculties and students participated in the lectures on 'Kerala development Experience' jointly organized by Sri. C.Achutha Menon Government College, Thrissur and Gulati Institute of Finance and Taxation. The students of the Economics Department organized a Fresher's Day - 'NOVATO FIESTA 2K22' on 22nd August 2022 to welcome the new batch 2022-2025. PG students of the Department celebrated onam with inmates of Jeevajothi old Age home, Irinjalakuda on 26th August, 2022. Department conducted an onam celebration in 2 days named as 'Sharkaruperi' and 'Killady Maveli'.On September 30, 2022. MA Economics students conducted a cleanliness programme related to October 2 Gandhi Jayanti. The department in association with Entrepreneurship Development club, St.Joseph's College, Irinjalakuda organised a Hands-on Workshop on 'Art of Designing Captivating Powerpoint Presentations' on 13th of October. Mr.Nijil Jacobi, Assistant Professor, Department of Economics, Sacred Heart College, Chalakudy was the resource person. On October 14, a career oriented seminar on 'Focus 2k22- Careers in Economics' was organized. Rajesh I D, Senior Research Fellow, Center for Development Studies (CDS), Thiruvananthapuram was the resource person. The department observed International Poverty Eradication Day on October 17th 2022. A mobile quiz was conducted for non-economics students. The department collected Rs. 7350 and handed it over to the ward Councillor and the money was distributed to 4 families in the Ward including 2 dialysis patients.PG students of the department celebrated Children's Day with the kids of Grace Garden playschool, Kadukutty on 14th November, 2022. The department in association with Kodungallur Dental Association, organized a self defense training programme 'End Violence against Women' on 23rd November 2022 to the entire college. The Department of Economics, St. Joseph's College (Autonomous) Irinjalakuda & Department of Economics and Sociology of Mercy College, Palakkad jointly organized an International Webinar on "Education and Women Empowerment" on 23rd November 2022. The resource person was Dr K M Ashifa, Assistant Professor in Social work in Nistanbul University, Istanbul, Turkey. The Department organized a seminar on Blockchain and Cryptocurrency on 24th November 2022. The resource person was Mr Alphin Paul Antony, founder Cryptac Academy. The department celebrated Christmas on 23rd December 2022 in the name 'Christmas Luav'. A Two day National Seminar on Indian Economy @ 75 was jointly organized by the Department of Economics and the Autonomy Cell of St. Joseph's College (Autonomous), Irinjalakuda. The resource persons were the reputed alumnae of the department of economics. Around 150 members participated in the seminar. Holi was celebrated by the PG students on 8th March 2023. On 20th March 2023, farewell programme of the II MA students, 'Sayonara' was conducted. Farewell programme of the III BA students was conducted on 29th March 2023.

#### HINDI

Ms. Rubeena Jacob of II DC Chemistry was elected as the Association Secretary on 29th August 2022. On 14th September 2022 Department organized

an e-quiz competition 'HINDI HAI HUM' in connection with Hindi Day Celebration. 205 students from various colleges participated in this competition. On 15th September 2022 the department conducted a Technical Terminology quiz competition 'EKATA' in association with EBSB Club in Mariam Thresia Seminar Hall. 26 students from various departments participated in this competition. Aghna PS from B.Com Self Finance won the first Prize and Keerthana T from first year B.Com Finance (aided) won the second prize. On 16th September 2022 the department organized a Reading competition, and poem recitation in connection with Hindi Day Celebrations. 19 students from various departments participated in the reading competition. Sahithya K S of I DC English - first prize, Aghna P S , B.Com Self Finance - second and Steniya Joy of I B.Com Finance (aided) - third prize . 4 students participated in the poem recitation competition. Archana E V from the English Department won the First Prize. On 14th September 2022 department of Hindi conducted a National Level Digital Poster Making Competition. Theme of this competition was Hindi Diwas. Rifna A R, I DC Biotechnology, St.Joseph's College, Irinjalakuda won the first prize in this competition. 10 students from various colleges participated in this competition. Students of Hindi Association 'Dhwani' made an e-magazine.

#### **HISTORY**

Activities for the academic year 2022-23 of the History department began with the National Seminar on Environmental day on 5th June 2022. A webinar on the topic 'Environment and History' was conducted on the google platform. Poet S. Joseph, Assistant professor of Malayalam, Maharajas College was the resource person. As part of this event the students planted saplings at their homes. The department celebrated International yoga day on 21/06/2022. All the students of the department participated in the international yoga day. The Hiroshima & Nagasaki day was observed by the department. The department conducted a Digital Logo competition on the topic World Peace on 6/08/2021. Kerala Piravi was celebrated on 1/11/2022. The department conducted various celebrations as part of the Kerala Piravi. Ms Swapna, Assistant Professor, Department of History, St Mary's College, Thrissur was the resource person. The Cochin Museum which depicts the socio-cultural aspects of the Cochin society with special emphasis on the region of Irinjalakuda was inaugurated on 21/11/2022 by Bharath Suresh Gopi. Cochin Museum is a place and an institution which collects, takes care and interprets objects, artifacts and other material evidences related to the history of Cochin. The students of History and the general public can understand the history and the rich heritage of Cochin by visiting the museum. As part of the constitution Day the department celebrated Samvidhan Divas on 26/01/23. A quiz competition was conducted for the students of the department.

### JOURNALISM AND MASS COMMUNICATION

The students of Journalism and Mass Communication served as Media Cell members for various events such as Revenue District School Youth Festival, State Technical High School Festival, and Varnakkuda 2K22. In connection with World Photography Day, the Department of Journalism and Mass Communication organized a 'Photo Walk' through Athirappilly - Malakkappara on 19th August 2022. On 25th August 2022, the department organized a One Day Workshop on Creative Photojournalism; Telling Usual Things in Unusual Ways. It equipped the students with insights to the expert media approaches of photography. To commemorate the pioneer of the French New Wave Jean Luc Godard, the department organized a movie screening on 14th September 2022. On 16th September 2022, the department organized a faculty exchange program under the MoU XBHEI with St. Paul's College, Kalamassery. As part of Hands on Training, the department of Journalism and Mass Communication organized an industrial visit to Deepika Daily & Rashtra Deepika on 12th October 2022. It provided the students with an on-site media experience. In connection with the Manuscript Release, the department organized an invited talk 'Relevance of YOU in the present scenario' on 31st October 2022. The Department of Journalism and Mass Communication observed World Aids Day & World Human Rights Day at college campus on 1st & 10th December 2022. As part of extension activity, the department organized an old age home visit to Karuna Bhavan on 20th December 2022. The Department of Journalism & Mass communication and Kerala Media Academy jointly initiated the Media Club on 13th January 2022 which provides a platform for media activities for the students of the college. In connection with the Media Club Inauguration, the department screened two award winning short films of the chief guest Mr. Sudheesh Sivasankaran.

#### **MALAYALAM**

In connection with reading day celebration, Thudi Malayalavedhi organized a program named " Aa poovu nee endhu cheithu "on 20th June 2022. Mr. V U Surendhran, renowned critic of Malayalam literature was the chief guest. In connection with this ceremony the department organized a 'Book fest in association with Monsoon Books Thrissur. Thudi Malayalavedhi organized a programme called "Emmini balya orale orkkan namukku onnikkam" in connection with Basheer remembrance on 5th July 2022. . At this event " Balyakalasakhi ",a unique novel of Vaikkom Muhammed Basheer was presented as a play. On 10/08/2022 the Department of Malayalam arranged a merit day program to congratulate Ms.Litty Chacko who was promoted from the rank of lieutenant to the rank of captain after a three - month camp at Gwaliyar. and Ms Anulakshmi v.s, who received the chief minister's student excellence award worth Rs.100,000. On 16th September 2022 Second year M A Malayalam students welcomed the first year PG students. Ms.Devangana welcomed the gathering. The department organized onam celebration" AVANIPOOVARANGU 2k22" on August 30,31 and September 1. On Tuesday 30/08/2022 a native flower collection competition 'poovukalkk punyakaalam' and a 'face painting' competition were arranged. 12 classes participated in the programme " poovukalkk punyakaalam". II MA English class won the First prize by bringing 214 native flowers and Second prize - I Msc Maths with 161 flowers, third prize -III Bsc Maths with 146 flowers. On 16/09/2022 the new office bearers of Thudi Malayalam Vedi, the malayalam Association of St. Joseph's college was elected. First year PG student Aleena as president, Neethu as the Secretary and Krishna Kripa as the treasurer were the newly elected office bearers. Thudi Malayam Vedi, organized Changambuzha anusmaranam on 10/10/ 2022. Thudi Malayalam Vedi organized a condolence meeting on 19/10/2022 to pay tribute to Dr.Scaria Sacharia, the famous critic of Malayalam literature. Keralapiravi day was celebrated on November 1,2022 under the auspices of Thudi Malayalam Vedi. Principal Dr.Sr. Elaiza inaugurated the program "MALAYALATHIL" ORU KAYYOPPU". A handwritten magazine by first year MA Malayalam students was also released in the celebration. On 8th December 2022 the Department of Malayalam conducted a seminar on "Malayalanovelile crime Vayanakal" by Balachandran Vadakkedath in association with Mathrubhoomi in connection with its 100 years

celebration. On 14th December 2022, A literary discussion named "Kaviyude lokam Kavithayudeyum" was organized by the department. Renowned poets Mr. K Sachidanandhan and Mr.Balachandran Chullikkad shared their literary experiences with students. The famous malayalam critic Mr.Sajay K.V was the moderator.

#### PHYSICAL EDUCATION

The Department of Physical Education works brilliantly in moulding and promoting the students to excel in their fields. The College has won the Kerala College Games 2022, organized by Kerala State Sports Council. This is the most prestigious trophy in Kerala among all colleges in Kerala and this trophy is being won for the first time in history. The college also has been awarded the thirdbest college in sports during the year 2021-22 in the womens' section for overall performance in the University of Calicut. Aleena Biju of III B Com has represented India Under 20 Volleyball team in the Asian championship held at Kazakhstan and Avanthika K B represented Indian youth Soft Baseball team in the Asian championship held at Nepal. Dr. Stalin Raphel has been elected as the Joint Secretary of Kerala State Olympic Association and executive member of Sports Psychology Association of India. He has also been appointed by the government as the Deputy in charge of Kerala teams for the 36th National Games 2022 held at Gujarat. The department has conducted various programmes under 'Fit 4 Life' project to create health and fitness culture among students as well as staff members. National Sports day and International Yoga Day were celebrated with multiple programmes. The college Volleyball team has won first place in the Calicut University inter zone championship held at St.Joseph's College, Irinjalakuda. Seven Volleyball players- Aiswarya V.S -I MCJ, Arya C.V, -I M Com, Anusree H- I BSW, Aleena Biju- III B.Com, Rosemary Titus -III BA Economics, Shilpa Shaji-III BA Economics and Navami V S- III BA History have represented Calicut University team for the All India inter University championship held at SRM University, Chennai. The College Volleyball team has won the Thrissur District Olympic Games 2022 Basketball competition held on 14-15/1/2022. Anusree H I BSW represented the 36th National Games, Gujarat. Reni Joseph- I BA History and Navami V S- III BA History represented Kerala team in the Khelo India national championship. The College Basketball team has won the Calicut University inter zone championship held at Providence College, Calicut. Divya Sam- II MSc Psychology represented Kerala senior basketball team for the senior national championship held at Udaipur and won the second place and won the third place in the 36th National Games Gujarat. Ashlin Shiju and Lakshmi Raj- I BA Economics, and Akla P A- I BA English represented Kerala Junior team at Bangalore. Aleena Antony- II BA Economics and Ashlin Shiju- I BA Economics represented Kerala team for the Khelo India National Games held at Haryana. Six Basketball players - Aleena Seby- I MAC & J, Divya Sam- II M Sc Psychology, Ann Mariya Johny -I MA Economics, Anla P A, II MA C & J, Elna Fernandez III BA Economics, Lakshmi Raj I BA Economics have represented Calicut University team for the All India inter University championship held at Chennai. The college football team has won the Calicut University inter zone championship held at Center for Physical Education, Calicut University. Femina Raj II MA Malayalam, Soniya Jose, Arathi V II BA History and Krishnapriya II BSc Botany represented Kerala team in the Senior National Senior championship. Eight Football players- Abhirami R I MAC&J, Aleena Mathew I MSW, Arathi V, Santhra K, Aneena P III BA History, Pristy C A II BA English, Jennifer and Abhigail I BA English have represented Calicut University team in the South Zone India Inter University championship. The college boxing team has won the Calicut University inter zone overall championship held at CPE, Calicut University. Anaswara P.M II BA History, Parvathi. P II BA History, Nikhitha M Baby of III BA History, Deepa Toppo of III BA Economics won the gold, Ashly II B Com won the silver and Reni Joseph I BA History and Krishnapriya S S I BA Economics won the bronze medal in the Calicut University inter zone championship. Anaswara P.M II BA History, Parvathi. P II BA History, Nikhitha M Baby of III BA History, Deepa Toppo of III BA Economics represented Calicut University Boxing team in the all India inter university championship held at Haryana and Anaswara P.M II BA History has won the Bronze medal. Anaswara P.M- II BA History, Parvathi. P- II BA History and Deepa Toppo of III BA Economics represented Kerala team in the senior national championship held at Bhopal. Anaswara P.M -I BA History, Parvathi. P- II BA History, Deepa Toppo- III BA Economics won the gold medal and Nikhitha M Baby of III BA History won the silver medal in the Senior state Boxing championship held at Thiruvananthapuram. The college Rugby team has won the Calicut University inter zone championship held at Calicut University Stadium. Mannya C- I BA History, Sandhyamol S- III BA History, Athulya Bhai- III BA History, Krishnendhu O.P- II BSc Botany and Kavya K K- II MA Malayalam represented Calicut University Rugby 15s team and won the fourth place. Mannya C I BA History, Sandhyamol S III BA History, and Kavya K K II MA Malayalam represented Calicut University Rugby 7s team. Mannya C I BA History, Sandhyamol S III BA History, Anitta Shaju I BA History and Amala Paul I BA English represented Kerala Rugby 15ns team in the senior national championship and they won the championship held at Bhuvaneswar. The college Sepak Takraw team has won the second place in the team championship and third place in the Quadrant championship in the Calicut University inter zone championship held at St.Joseph's College, Irinjalakuda. Abhirami R- I MCJ and Soniya Jose- II BA History have represented the Calicut University team and won the third place in all India Inter University championship. The college Kabaddi team has won the second place in the Calicut University inter zone championship held at Little Flower College, Guruvayoor. Sariga D -III BA History has represented the Calicut University team for the All India Inter University championship. Jennifer A- II BSW has represented Kerala team for the Junior National championship held in Bihar. The college handball team won third place in the Calicut University inter zone championship held at Calicut University . Helna Jose- II B.Com, Anagha Wilson-II B.Com and Alyilin M J- I BSc Psychology have been selected to the Calicut University team. Helna Jose- II B.Com, Anagha Wilson- II B.Com, Midhuna K P- II B Com and Alvilin M J- I BSc Psychology have been selected to the Junior Kerala team for the junior national championship held at Rajasthan. Our handball team has won second place in the Thrissur District Junior and senior championship. The college handball team won the third place in the Calicut University inter zone championship held at Alshifa College, Kizhattoor. Aneesha M-III BA English, and Ajeesha A- III BA English won the gold medal and Seeya Metilda Baiju-III BA English and Anjali S- III BA English won the silver medal in the championship. Aneesha M - III BA English, and Ajeesha A- III BA English and Anjali S- III BA English represented the Calicut University team and Aneesha M won the gold and Ajeesha A won the bronze medal in the championship. Aneesha M- III BA English won the gold medal in the national master powerlifting championship held at Secunderabad. Ajeesha A- III BA English won the bronze medal in the junior national championship held at Kasargod. Ajeesha A- III BA English, Seeva Metilda Baiju- III BA English and Anjali S- III BA English won the silver medal in the Kerala masters powerlifting championship held at Ernakulam. The college badminton team has won the third place in the Calicut University inter zone championship held at St.Joseph's College, Devagiri. The college Taekwondo team has won third place in the Calicut University inter zone championship held at GCPE, Calicut. Ananya K V-III BA History won the gold, Lakshmi P V III BA Economics won the bronze and Aiswarya M S I BA Economics won the bronze in the championship. Ananya K V- III BA History represented the Calicut University team in the All India Inter University championship.In Calicut University inter zone wrestling championship Harshitha II B Com won the gold, Ajmila Kunneal II BA Englishsilver, Ananya V R I BSc Psychology, Aswathi II Bsc Mathemetics, Arya M V II BBA and Jennifer A II BSW won the bronze medal. In Calicut University inter zone Kick Boxing championship Deepa Toppo III BA Economics and Aishwarya M S I BA Economics won the silver medal. In Calicut University inter zone weight lifting championship, Harshitha II B Com won the bronze medal. Jyothika K J represented Pencak Silat Calicut University team. Avandhika V B I BA History represented Kerala Youth team for the national championship and won the title. This academic year we hosted two Calicut University Championships Volleyball women, and Sepak Takraw women. The College has hosted Calicut University Basketball, Volleyball, Football and Sepak Takraw coaching camps. The college also hosted State senior and junior women Basketball coaching camps.

#### **SOCIAL WORK**

The Department of Social Work organized an Induction Programme named 'Inspire' for 1st semester MSW students on 17th August to 29th August 2022. The sessions were handled by Ms. Ambi Joseph, Specialist, Ms. Absana Jamal, Mr. Abdul Rahiman, Ms. Jeenu Lazer, Ms. Mariya Tresa, Ms. Smera Varghese, Mr. Jihad Yasir, Mr. Hareesh M.C were the eminent resource persons. "Enthuse" - 2022, an induction programme for the fresh batch of BSW was conducted on 30th August 2022. The sessions were handled by Dr. M. Pradeepkumar who handled the topic on 'Building Perspectives in Social Work Profession'. The fourth semester MSW students were placed as their Block Placement in the month of August at Ernakulam

Social Service Society, Dream India Network, Bangalore; Holy Family Hospital, Delhi, DCPU, Thrissur; Sunrise Hospital, Kochi; Welfare Ernakulam; Amala Institute Medical Sciences, Thrissur; S.H Hospital, Thrissur and Lokmanya Tilak Municipal and General Hospital Mumbai.On 22nd September 2022 the department conducted a rural camp and training programme on Participatory Rural Appraisal in association with Ashrayam Rural Development Society, Kollengode at Muthalamada grama panchayath, Palakkad as part of the residential camp . 56 MSW students attended the training programme. The department conducted the value added programmes like Media and Social Work, Corporate Social Responsibility and Life Skill during this academic year. On 11th October 2022 MSW students attended a workshop on Mental Health Social Work Perspective at Athma My Mind and My Care at Naikkanal, Thrissur. On 14th October 2022 the department organized an International Seminar on Human Rights and Social Work. The session was led by Ms. Dr.K.M.ASHIFA, Istanbul University, Turkey. Agile Mary and Suhana P.S MSW first year students attended an International Social Work Conference at DIST, Angamaly with the support of James Cook University, Australia held in the year 2022 and presented a paper on 'Effects Of PCOs on Mental Health of Women'. The department organized an exposure visit to Viyyur Central Prison and Correctional Home on 15th December 2022. It helped the students to understand the significance of social workers in correctional settings. BSW students were placed as part of their internship in the month of February 2023 at CEVA, Ernakulam, Rajagiri Outreach Service Society, Ernakulam, KIRTHADS (Kerala Institute for Research Training and Development Studies of Scheduled Castes and Scheduled Tribes), Kozhikode; Aashrayam Rural Development Society, Palakad; KARD- Kerala Association for Rural Development; Bharat Mata College-BEFORE NGO; NIPMR- National Institute of Physical Science and Rehabilitation, Kallettumkara. In the month of January, 2023 MSW students were placed as part of their internship based on their specializations at Neyyattinkara Integral Development Society, Trivandrum; Shalom Institute of Mental Health and Research; Cardinal Multispecialty Hospital, Kottayam; Max Minds Rehabilitation Centre, Kannur; IQRRA Centre for Psychiatric Rehabilitation, Calicut; Jubilee Mission Medical College and Research Institute, Thrissur; Sacred Heart Mission Hospital Pullur and Louis Mount Hospital, Wayanad,

#### **ENGLISH (SELF FINANCING)**

In connection with World Environment Day the Department conducted multiple events on 07 June 2022. Exchange of saplings that the students brought from their homes. Competitions like live tree competition, where the students dressed up as trees, and extempore that highlighted the urgency with which the current environmental crisis must be dealt with were the highlights. The Reading Day was celebrated in the Department on 21 June 2022. Competitions like Newspaper-Reading and English Elocution were conducted, in which the students participated with much enthusiasm. The Father's Day Celebrations were clubbed with the Reading Day Celebrations. Students came up with anecdotes of how much they cherish their fathers within their familial networks. The Freshers' Day was celebrated by the department on 22<sup>nd</sup> August 2022. The partment celebrated Navarathri on 06th October 2022. Children's Day was celebrated on 15 November 2022. The First Year students of B. A. English prepared a wall magazine on the theme of Children's Literature, with regard to the Children's Day celebrations. The students portrayed contemporary children's characters like Dora, the Explorer; Maleficent; Winnie the Pooh, Rapunzel. The magazine exhibited on the windowpane opposite to the Department of English (SF), and was released by Dr. Shali Anthappan, Head of the Department. The Department of English (SF) offered a ten-days hands-on communication skills training program for the students of all streams in the selffinancing wing from 10 November 2022 to 30 November 2022. The birthday of the British author Jane Austen was celebrated on 15 December 2022. A literary quiz that included questions from Jane Austen's literary oeuvre was held followed by a masquerade dance that demonstrated a typical Christmas ball dance held at Hampshire, Jane Austen's native place. The Department of English (SF) organized a quiz for the First, Second, and Third Year students on 08th March 2023

# B. FACULTY OF SCIENCE BIOTECHNOLOGY

Dr Naijil George and Dr Sr Viji M O from Department of Biotechnology published a patent titled "NOVEL RARE-EARTH (EUROPIUM OR TERBIUM) DOPED STRONTIUM ALUMINATE NANOPARTICLES FOR FLUORESCENT STAINING OF LIVE PLANTS". The Department organized a one day International seminar Bio-Verve 2022 on 7th July, 2022. The Depart-

ment of Biotechnology organized an entertaining outreach program in association with "World Hepatitis Day" on 29th July 2022. Mime, tableau and powerpoint presentations were included in the program. A social ness program "Prevention of Monsoon Diseases: a Door to Door Awareness and vey" was organized in collaboration with the Department of Health Services, Government General Hospital, Irinjalakuda. Students of 3rd year B.Sc. Biotechnology, under the supervision of Dr. Aparna M. B. and Ms. Haritha Udaykumar visited the houses of ward 21 of Irinjalakuda Municipality and imparted awareness on various monsoon diseases and the need to maintain a healthy and hygienic environment. The Department has organized a visit to Kerala Forest Research Institute, Peechi and Banana Research Station, Kannara on 15th two-day 2022. Α workshop 'BIOINFORMATICS Tools and Techniques' was conducted on 25/08/2022 and 26/08/2022 The Department of Biotechnology organized a capacity and skill development program (Product development course -from lab to market) in collaboration with Zaara Biotech Private Limited on 16th September 2022. The Department signed an MoU with Veta Genomics Private Ltd in order to have academic, R & D collaborations and internship, project, and industrial placements for the students. Alana Siby of 3rd DC Biotechnology was elected as 3rd DC representative in college election. Anusha Paul of 2nd DC Biotechnology took part in National Youth Festival 2023 held at Hubbali Dharwad, Karnataka as NSS volunteer.

#### **BOTANY**

The department of Botany initiated the "Forum Phyta" activities by celebrating World Environment Day with great fanfare. In connection with the same, an invited talk on "Nature and Well Being" was given by Dr. Thushara Joy, Specialist Medical Officer on 10th June 2022. To commemorate the 75th Independence Day, "Azadi ka Amrit Mahotsav" was celebrated by conducting "Tirang Mahotsav" on August 13th and 15th 2022 by making terrariums and aquarium in the colour of Indian Flag. In connection with Karkidaka "Swasthyam", distribution of medicinal plants was organized in association with the State Medical Plant Board on 16th August, 2022. Plants were distributed free of cost among various departments and faculty. Random mobile quiz was organized based on medicinal

plants among students. An In house Herbal Cosmetology Centre - "Glowrich" was inaugurated on 25th of August 2022 as a part of Innovation Centre for Natural Resources (ICNR). As part of Experiential Learning, the department visited various laboratories of the Department of Biotechnology, CUSAT on 16th September 2022. World Bamboo Day was celebrated in association with KFRI by distributing the saplings of bamboo to all the departments of the college, as an initiative to create a "Carbon Neutral Campus". To develop scientific temper among the young minds, "Discover Budding Scientists" Programme was organized in collaboration with EKN centre for Education, Research and Development, Irinjalakuda for selected school students on October 1st 2022. An MoU was signed with Holy Cross College, Tiruchirappalli on 19th and 20th of October 2022 for mutual exchange of know-how. The Holy Cross College Team of five members headed by the Principal and Associate Professor of Commerce Rev. Sr. Dr. Christiana Bridget visited our college on 19<sup>th</sup> October, 2022. Merit Day was conducted on 19th October 2022 in association with Canara Bank, Irinjalakuda. A one day workshop on "Basic Bioinformatics Tools" was conducted on December 09, 2022 by Dr. Bindiya E S, PDF, CUSAT. An introductory class on bioinformatics was given by the resource person. The hands on training session were carried out in two batches for 78 students.Our Alumnae contributed a sum of Rs. 92000/- for the installation of Interactive Board on 15th December, 2022. National Cleanliness Day was observed on January 30th, 2023 in association with Kerala Forest and Wildlife Department, Munnar Wildlife Division.

#### **CHEMISTRY**

The activities of the Research Department of Chemistry for the year 2022-23 commenced with celebration of World Environment Day on 6th June 2022. Saplings were planted in front of the college. The department organized a quiz competition on 2nd August 2022 in honour of Sri Prafulla Chandra Ray, the father of Chemical Science in India. Hiroshima and Nagasaki Memorial Day was observed by the department on 6th August 2022 by organizing a cartoon making competition and video competition. The Department of Chemistry (SF) observed Anti-Narcotics Day on 7th July 2022. An awareness powerpoint presentation, quiz programme and mime were organized. The Department of Chemistry (SF) also conducted a Chemistry exhibition-'CHEMENESE' and

Intercollegiate video competition on Experimental Chemistry. The Chemistry Association 'Khemia' 2022-23 was inaugurated Dr Sanosh K Padmanabhan, Università del Salento, Italy on 30 th August 2022. Merit day was also conducted on the same day to honor four UG students who secured A+, nine PG students who secured O Grade and the sports achiever Ms Samiya TS. The CISCOM outlet was inaugurated by the principal Dr Sr. Eliza on the same day. Dr. Vidhya Thomas K was awarded Ph.D from St. Thomas College Thrissur. Dr. Mini Thomas, Dr. Sini Varghese C and Dr. Sr. Nisha George were recognized as research guides in Calicut University. In connection with "Mole Day," the department organized a PowerPoint presentation competition for postgraduate students. As part of CISCOM (Chemin Service of Common Man) initiative, the department organized a training programme to parents and local community to manufacture daily use household products and to become successful entrepreneurs under the guidance of Ms. Heena Peethambaran on 1-12-2022. The department organized the KSCSTE & Autonomy Cell sponsored national seminar on Novel Research Methodology in Chemical Sciences and Intellectual Property Rights on 9th and 10th March 2023.

#### COMPUTER SCIENCE

The Department of Computer Science hosted a hands-on workshop on "Introduction to Canva Designing App" on June 21, 2022. In collaboration with the Innovation and Entrepreneurship Development Cell (IEDC), the department took students on an inspiring visit to Fablab, Kalamassery, Kochi. The department visited Santhwanabhavan, Porathissery, on July 12, 2022, as part of an outreach program. Students actively participated in the "Padheyam" project, distributing 150 packs of food to the needy in Thrissur District. The department hosted an array of informative sessions, including an Invited Talk by Tech Zone on Python Framework, an international webinar on "Advanced Excel," and an insightful session on "Abroad Studies for Securing the Future." The department fostered a sense of community and cultural appreciation through events such as the "Sadako Bird Making Competition," a Food Festival, and the celebration of various global observances, including World Health Day, World Autism Day, World Environment Day, Reading Day, and Independence Day. The pinnacle of the department's endeavors was the grand InterCollegiate Tech Fest, CELESTA ZEST 4.0, held on November 15th and 16th, 2022. This event showcased the technical prowess and innovation of students, creating an atmosphere of healthy competition and collaboration. The department facilitated numerous learning avenues with workshops on German Language and a two-day workshop on 'Game & App development and Robotics' conducted by Mr. Sunil Paul from Christ College of Engineering. The department celebrated the inauguration of ACER on 22 September, 2022, and organized an Induction Program 'Leading Edge 2022' on the topic: "Technology and Analytics" on September 29th and 30th, 2022. The weekly meet, "SELFESTA," provided a platform for students to engage in self-reflection and share insights.

#### **MATHEMATICS**

The Mathematics Association "Search In Mathematics" activities for the academic year 2022-23 was inaugurated by Ms. Rani M. J. Vice Principal, Sahrdaya College of Advanced studies on 28th September. On this occasion, Mathzianna Vol. 14 by the postgraduate students was released by the Principal Dr Sr. Eliza and toppers of every semester were awarded. 27 intercollegiate/inter school mathematics quiz competition sponsored by TIME Thrissur organized on 7th November 2022 in was which 67 teams from all over Kerala participated. Resource persons from different fields talked on various topics of academic importance and relevance. National Mathematics day, National Statistics Day, Pythagoras Environment day and Onam day, World were celebrated by organizing puzzle corner "Enigma", Online Quiz "STATISTICA", Collage competition, nature photography competition and Onamala 2K22 respectively. Installation of Math Park funded by St. Joseph's educational trust was established in January 2023. As part of an outreach programme, students spent quality time with the inmates of Karunalayam, Thrikkakkara Abhayabhavan, Porathissery. National workshop on trends in partial differential equations sponsored by KSCSTE and Autonomy Cell was conducted on 16th February.

#### **PHYSICS**

The Physics association 'SPECTRA' for the academic year 2022 – 2023 was officially inaugurated with the conduct of the National Seminar "Career Opportunities after Graduation" on September 23, 2022. The State level Intercollegiate Physics quiz 'PHYSIKOS 2022' was conducted on October 28, 2022.

Participants from various colleges actively participated in the same. The quiz was mastered by Mr. Santhosh P. Jose, Assistant Professor, Vimala College, Thrissur. St. Aloysius College, Christ College (Autonomous) and St. Aloysius College won the first, second and third prizes respectively. Students and teachers of the department organized an awareness rally on 16 December 2022 to make the public aware about the importance of Conservation of energy. As a part of the "Earn while you Learn" project, the department organized a Hands-on training workshop on Assembling of LED Lamps on December 20, 2022. The manufactured lights were sold by the students themselves which enhanced their entrepreneurship skills. An International seminar on 'Opportunities for Careers in Research' was conducted on January 12, 2023 led by Dr. Sruthy Balakrishnan, Analytical Scientist in Micro Analysis, Western Australia. The students of the Department of Physics of St. Joseph's College (Autonomous) Irinjalakuda visited Cochin University of Science and Technology to take part in Sasthrayan -CUSAT Open House programme to interact with scientists and to know more about the research opportunities at the university.

#### **PSYCHOLOGY**

The Department of psychology organized an environmental day celebration on 6th June 2022 for the students of the St. Joseph's College, Irinjalakuda. The students visited the Institute of mental Health and Neuro Sciences on 15th July 2022. The department conducted a Yoga day Celebration. The student, Anlin Mariya Jose demonstrated Sooryanamaskar for all students of the department. As part of anti drug day celebration the department of Psychology conducted an awareness talk on drug abuse on 29th June 2022. The resource person was Mr. Raphael M L, Preventive officer, Exercise Range Office, Irinjalakuda. The department of Psychology conducted various competitions for students as part of mental Health day celebration from 12th October to 14th October 2022. On 14th October students played a flash mob to make society aware about the importance of mental health. The department celebrated Keralpiravi Dhinam on 1<sup>st</sup> November 2022 at 1.30 pm in front of the Holy Family block.

#### ZOOLOGÝ

The Department of Zoology organized various programmes in the academic year 2022-2023. The World Environment Day was observed with a Photo Exhibition entitled "Nature Through

Lens" in association with All Kerala Photographers Association. The skill development programme in "Aquascaping and Aquarium Maintenance" was initiated. On 4/07/22, the department organized a study visit for final year UG and PG students to Ciso Institute of Oceanic Studies Private Ltd. (Marine World), Chavakad. A National level Webinar cum Seminar entitled 'Zo-Tribute' on the theme 'Trends in Bioscience' was organized on 12/07/22 and 13/ 07/22 in honour of late Ms. Baby J. Alappat (Associate Professor & former HoD). The resource persons were Dr. James Gomes, Professor & Head, School of Biological Sciences and Dr. T. R. Sreekrishnan, Professor, Department of Biochemical Engineering & Biotechnology, IIT - Delhi. As part of extension activity students organized 'Guppy Sale' on 11/08/22. An entrepreneurship development programme was organized for UG students with a seminar and visit to Bharath Beekeeping Centre, Avinissery on 30/09/22. An invited talk on "Career Guidance for Life science graduates" was organized on 21/10/22, with Dr. Baby Divya, Assistant Professor in Zoology, St. Xavier's College, Aluva as the resource son. National Wildlife Week was celebrated as ZooWeek with various competitions for college students. Inauguration of Zoology Association "Sapiens" and release of Zoology manuscript 'ZooQuest 22' by first year UG students was done by Dr. Mohamed Hatha Abdulla, Director, School of Marine Sciences, CUSAT on 28/10/ 22, who delivered a talk on 'Indian Arctic pedition - An experience sharing'. National Bird Watching Day was observed on 12/11/22 with a Bird Photography competition. A Workshop in 'Measuring Ecological Footprint' was organized on 29/10/22 with Dr.Joyce Jose, Assistant Professor in Zoology, St. Thomas College (Autonomous), Thrissur as the resource person. On 14/ 11/22, an 'awareness campaign and measuring of ecological footprint of the college community' was organized by the students. A study trip for final year UG & first year PG students was organized from 6th - 9th/12/ 22 to Kadalundi-Vallikunnu Community serve, WGRC-Zoological Survey of India, Pasteur Institute of India, Bharathiar University, Salim Ali Centre for Ornithology and Natural History and Chinnar Wildlife Sanctuary. World Wetlands Day was observed on 02/02/23 by conducting a mobile quiz in the college munity. A Workshop in Histochemistry was organized on 06/02/23 with Dr. Pius K. Jacob, Associate Professor & former HoD (Retd.), Christ

College (Autonomous), Irinjalakuda as the resource person.

#### COSTUME AND FASHION DESIGNING

The Department of Costume & Fashion Designing organized an exhibition cum sale of various creative hand made products named "The Melange" on 3rd June 2022. The department in association with Choice International Education Private Limited organized an International Seminar on the topic "Fashion Design, Conceptual process and Idea generation" and MOU declaration on 6th of October 2022. The department in association with Manorama online and M4marry.com organised "Chandam 2k22" an inter-Collegiate Malayali Manka contest, All Kerala – Popular Malayali Manka and Onam reels Contest on 31st August 2022. The title of the Malayali Manka contest was Annette Rose Joseph, and the runners up were Jisnamol Saji and Tiya J Ukken of St Joseph's College. The department of Costume and **Fashion Designing** in collaboration with the department of biotechnology along with the models of St. Joseph's College (autonomous), Irinjalakuda conducted a fashion show themed "The Evolution of Kerala Clothing" as part of "Njattuvela Maholtsavam" conducted by the Irinjalakuda municipality.

#### MICROBIOLOGY & FORENSIC SCIENCE

The Department of Microbiology and Forensic Science conducted an exhibition on basic techniques of Microbiology and Forensic Science, "INVISIBLE ENIGMA" on 22<sup>nd</sup> July 2022. The Department observed Microbiology and Forensic week on September 22<sup>nd</sup> and 23 <sup>rd</sup> by hosting a variety of events to highlight science as a career. The week began with the food fest 'Savoury Bites'. A quiz competition 'Micro Trivia' was held for students of the department of Botany, Biotechnology, Integrated Biology and Zoology. C. FACULTY OF COMMERCE

# COMMERCE (AIDED)

The activities of the Research Department of Commerce for the academic year 2022-23 commenced with the inauguration of an online workshop on "Quantitative Techniques for Business Research" on 23rd April 2022. World environment day was celebrated on 6<sup>th</sup> June 2022 to create an awareness among students about keeping the environment clean and safe. On 14th June 2022, as part of Azadi ka Amrith Maholsav, Yoga Maholsav was conducted by the department in association with the Nehru Yuva Kendra and NSS units 50 & 167 of St. Joseph's College, Irinjalakuda. Reading day was celebrated on 27th June 2022 by sharing reviews by students about their favourite books. An International Workshop on "Creating a Professional Presence" by Dr. Shaheema Hameed, Curriculum developer and corporate trainer was organized by the department on 19th July, 2022. The department organized a hands-on training class on 21-07-2022 as part of Y WE COM to train the B.Com students to create handicrafts, from coconut shells. The department has conducted an awareness talk by Dr Finto Francis on the topic "Women and Wellness" on 19th August 2022. The Association inauguration of the commerce department -ACT 2K22 was held on 25th August 2022 by Leona Lishoy, an influencer, entrepreneur and film actress. Business lab was renovated and online share trading was started. Special training sessions were given to students in collaboration with Geojith Financial services to equip the students for share trading. As part of a faculty exchange programme, a webinar was conducted on 29.08.2023 on the topic "How to manage your own finance". As part of a nature friendly trip, the students of second year B.Com went on a trip to Illithode, an eco tourist spot on 29.09.2023. Vigilance week was observed by the First Year students on 5th November 2022. On 15th November 2022 a career development class was organized by Mr Junaiz on behalf of IAM Business School. The department has conducted "Meet the Wopreneur" in connection with World Entrepreneurs Day on November 19, 2022. The resource person of the programme was Ms Ann Nikhil, the young woman entrepreneur, you tuber, influencer, and also a mompreneur. The department conducted an E-commerce initiative called "Cloud Kitchen" on 23rd of December 2022. Exhibition cum sale of Y WE COM ucts was conducted on 23rd January 2023. Different products like coconut shell products, craft items, mandala art, glass paintings, jute items, cakes, pastries, and chocolates were exhibited. The students of Third year B Com visited Abhaya Bhavan (mentally retarded inmates), Porithissery. **MANAGEMENT** AND

#### COMMERCE STUDIES (SELF FINANCING)

The Department of Commerce (Unaided Programme), conducted "Sravanotsavam" and "Jnanodaya 2k22". "Sravanotsavam" was conducted as part of Kerala Piravi Celebrations which included Food fest, games, Malayali Manka competition and flash mob . "Jnanodaya 2k22" was conducted from 14th to19th December 2022 which was a quiz competition for the entire college.

# BUSINESS ADMINISTRATION (SELF FINANCING)

A Theme show "JAI HO 2K22" was conducted by the department of Business Administration .Students of the department were taken to Bench Mark chocolate factory Ooty and Modern bread factory Ernakulam as part of their industrial visit. A snacks bar was started as part of a small business to promote the business skills among the students.

#### IV. RESEARCH

#### RESEARCH AND DEVELOPMENT CENTRE

ELISA Micro plate Reader and Well Wash were installed by KSE Limited Irinjalakuda for the funded project. Renovated the Research hall by adding separate cubicles for Dean of Research, Supervisors of Commerce, Mathematics, English, and for research scholars.

An Internet Facility was established in the Research Hall. Conference hall and Discussion room were set up on the second floor. Rooms for Deans of Science, Arts, Academics and External Supervisor were also established on the second floor. Hub of Micro Forensia was started on the second floor. The Microbiology and Forensic Science department and class rooms were shifted to the third floor. Microbiology lab was established on the first floor.

#### CENTRE FOR PLANT TISSUE CULTURE

During the year 2022-23, CPTC mainly focused on Repatriate College's medicinal garden. Tissue culture methods for 9 different medicinal plants were standardized and also hardened in greenhouse. Standardized plant species includes; Curcumacaesia Karimanjal) Kaempferiagalanga (Kacholam), Bacopamonnieri(Brahmi), Wrightiatinctoria (Danthapala), Ayapana triplinervis (Ayapana), Clitoriaternatea (Sankupushpam), Desmodiumgangeticum (Orila), Memiaturpethum (Thrikolpakonna), Sebania grandiflora (Agathicheera). As part of consultancy, Nanoparticle studies were done. We are producing mass quantity of Kacholam plant species for outsourcing to Ahalia Health Heritage & Knowledge Village, Palakkad. Tissue cultured plantlets were distributed to the locality near St. Joseph's college (Autonomous), Irinjalakuda.

# CRMS - CENTRE FOR RESEARCH IN MATHEMATICAL SCIENCES

NET/JRF orientation and JAM coaching was given by research scholars from IIT Madras and NIT Calicut in the month of May and July respectively. Around 75 students from inside and outside the college benefitted from the

programme. National workshop on trends in partial differential equations sponsored by KSCSTE and Autonomy Cell was conducted on 16th February, in which resource persons were from TIFR, IISc and IIST. Installation of Math Park envisaging Mathematicians' image and their findings from ancient times to present was done in January 2023. The project was funded by St. Joseph's educational trust.

### CRC - CENTRE FOR RESEARCH IN COMMERCE

Thirty Hours Online Workshop on "Quantitative Techniques for Business Research" was conducted from 23 <sup>rd</sup> April 2022 to 24<sup>th</sup> September 2022. An International Workshop on 'Creating a Professional Presence' was organised on 19<sup>th</sup> July 2022. Ph.D awarded to the research scholar Raji A. M under the guideship of Dr. Sr. Rose Bastin.

### CRCS - CENTRE FOR RESEARCH IN CHEMICAL SCIENCES

Centre for Research in Chemical Sciences (CRCS) aims to serve as a hub for practicing search work in various fields of Chemistry by providing sophisticated instrumentation facilities. For a consistent controllable source of illumination in a laboratory environment, a simulator worth Rs. 10 lakhs, under KSCSTE-SARD scheme, was installed. This year, the centre had three international publications in Scopus and Web of science indexed journals.SEED money for research worth Rs. 1 lakh was sanctioned to Ms. Heena Peethambaran, Assistant Professor, Department of Chemistry by Pavanathma Education Society on 20th December 2022. Five new research scholars were enrolled for Ph. D admission this year. The University of Calicut sanctioned guideship for the faculty member Dr. Sini Varghese C, Department of Chemis-St. Joseph's College (Autonomous), try, Irinjalakuda. The department organized KSCSTE and the Autonomy Cell sponsored national seminar on Novel Research Methodology in Chemical Sciences and Intellectual property Rights on 9th and 10th March 2023.

### CRE - CENTRE FOR RESEARCH IN ENGLISH

Dr. Linet Sebastian was awarded research guideship from the University of Calicut.First Research Scholar of the Centre Ms. Arathy was awarded a PHD under the guideship of Dr. Asha Thomas on the topic "Breaking Barriers: Retelling Indian Myth and Legend in Select Literary and Television Narratives". A scholar TalkSeries which comprised three invited lectures was conducted. Invited lecture on Trauma Theory was on 1 st

November 2022 and the resource person was Dr. Jinan, Assistant Professor, Dept. of English, Sullamussalam College, Areakode. Invited Lecture on Graphic narratives was on 12 th October2022 and the resource person was Ms. Sandra Mariam Xavier, Research Scholar, Dept. of English, St. Joseph's College (Autonomous). On 14th October 2022, an invited lecture on food narratives was conducted. The resource person of the talk was Ms. Lisa John, Assistant Professor, Dept. of English, Vimla College, Thrissur. Seed money of Rs. 45000 was given to the research projects of three faculty of the department.

#### V. STUDENT WELFARE PROGRAMMES

#### NCC - NATIONAL CADET CORPS

National Cadet Corps is a youth organisation under the Ministry of Defence which provides all round development for youth with a sense of duty, commitment, dedication, discipline, leadership and moral values. The unit has conducted different programs and engaged in different social service activities during this academic year.International Yoga Day is celebrated every year on 21st June as a global event. On this day, our cadets had gone to Thekkinkadu Maidan, Thrissur for attending the yoga function conducted by the 7 Kerala Girls Battalion. As part of the day, yoga practice was done by the cadets in college for five days. In connection with the clarion call by the Honorable Prime minister, Shri Narendra Modi to phase out single-use plastics by 2022, cadets made paper bags and distributed them to shops on 9th July. Cadets celebrated the Kargil Vijay Diwas to remember the victory of India and the sacrifice of the Indian soldiers. Principal Dr. Sr. Ligy V K and the NCC cadets did the floral offerings to the Indian soldiers who lost their lives in the Kargil War. Also, cadets demonstrated the part of Kargil War as a drama to disseminate the importance of Vijay Diwas. The NCC unit of the college provided awareness on how to tie, how to fold and how to capture the flag before raising and explaining the lowering procedure of the flag. The National flag represents the hopes and aspirations of the people of India. The unit has organized a talk on Flag code by Col. H Padmanabhan, former Commanding Officer of National Cadet Corps.Cadets conducted a Flag Collection Drive on 17th August from the college to Irinjalakuda junction to collect the national flags, which are no longer in use. NCC cadets gave awareness to the public to keep the flag safe which was hoisted from 13 August to 15 August as part of 75<sup>th</sup> Independence day. As a part of 'Yodhav', a new scheme

launched by the Kerala State Police to curb the supply, use and spread of drugs, Conducted various programmes as part of the Kerala State Anti Narcotics Campaign "Yodhavu". Anti Narcotics pledge was administered to the entire student body. Anti Drug awareness class was organized in collaboration with the Indian Medical Association.

#### ACADEMIC EXCELLENCE

The Academic Excellence Committee conducted an Induction Programme for the first year degree students on 22/08/2023. Various committees and clubs were introduced to the students to facilitate them to use the facilities based on their choice. The committee monitored the conduct of Post Entrance Test and BRIDGE Course for the first year UG students. The Academic Excellence Committee has prepared progress reports for all classes and distributed them. The committee has collected mentor mentee report books from each class and distributed them to the class teachers. Criteria for Student of the Year was discussed by the committee members and published it on the college notice board in February. Student Performa was given to the eligible candidates. Duties were assigned to the respective members and applications were scrutinized by the members. Student of the Year was conducted on 28 February 2023. Based on the various criteria of the competition, Ms. Ranjana P. of III DC English was awarded as the Student of the Year 2023.

# VI. FACILITIES DARSANA FAMILY COUNSELLING CENTRE

Darsana center aims at reducing the problems and crisis, strengthening family coping skills, effecting positive changes in the attitude, improvement in lifestyle, providing timely counselling and support to lead a qualitative lifestyle. Counseling professionals at the centre are Sr.Salin (MSW Specialized in Medical and Psychiatric Social Work) Mrs. Jiby Johny (MSW Specialized in Medical and Psychiatric Social Work) Adv.Lina Joseph (Legal Counsellor, LLB, MBA) .The Centre helps the people to eradicate their personal and Family issues. The counselling centre provided sessions of alcohol counselling as well mental support to the addicts.HIV - GROUP - SWANDHANAM Group meeting of 13 members was conducted every month first Saturday to share their own life experience like food habit, physical conditions etc. Provided food kits for group members on a monthly basis. Provided counselling to the de addiction Centre at Aloor . One of the counselors visit the sub jail at Irinjalakuda once a month. Provided a common platform for utilizing the spare time, energy, talent, knowledge and experience of senior citizens. Competitions like poster making, quiz etc. were held on the theme of "Save the Earth" and "Beat plastic pollution in connection with Environment Day. International Day for the Elimination of Violence Against Women, Human Rights Day, World Mental Health day, World AIDS Day, Girls Child Day were duly observed.

#### **LIBRARY**

St. Joseph's college library, fully automated infrastructure marvels with excellent amenities and facilities act as the pivotal learning resource hub for the institution. The college Library was renovated in the last academic year and the same was blessed on 9th may 2022 by our chaplain Rev. Dr. Fr. Nevin Attokaran and Rev Dr.Fr.John Neelankavil CMI. The library was upgraded to fully automated entry and an existing RFID scanner e-gate system. New additions were made to the library infrastructure namely the book tower; with books dedicated to Malayalam authors. A Lakshadweep corner for the students from LAKSHADWEEP was set up for recognizing the ethnic culture and acknowledging their rich history, tradition, customs and literature. "A P J Abdul Kalam Loggia " dedicated to the books of Dr. Kalam was established. Assistive technology for Divyangjan was also added. 3610 new books were added to the library along with a wide e-book collection through Pearson E- library and DELNET. The library hosted various activities such as reading week celebration and book exhibition, special competitions such as painting, speech, posture making were held to celebrate Dr. A P J Abdul Kalam's 91th birthday.

# VII. COMMITTEES AICUF - ALL INDIA CATHOLIC UNIVERSITY FEDERATION

Special prayer sessions were led on special occasions of the Reopening day and on the Feast of St. Mariam Thresia. The "HAIR DONATION CAMPAIGN" was organized in which 24 students donated their hair. Christmas was celebrated with various cultural programmes.

#### JOSSINE REACH

St. Joseph's college always strives to uplift the community encircled along with its institutional development. Setting the main goal as 'women empowerment', it also aids in societal advancement. The college is committed to figure out a generation who would take an active role in social activities serving the needs of the community in ev-

ery crisis. Hence, the college initiated a platform called 'Jossine Reach' which aims to give remarkable contributions to society through supporting, assisting, and uplifting vulnerable groups. It is a social service wing of St. Joseph's college, which is committed to address the problems and needs of the marginalized sections of society despite their caste, creed, community, and gender and also looks forward to ensuring sustainable development. Following are some of the major programmes conducted by Jossine Reach: An Awareness Talk by Dr. M R Sudarsankumar Former Principal, M G College, Trivandrum was conducted. Organic Farming was done by the students. Students were taken to take part in the Save Alappad Campaign. As part of a cultural exchange programme -an interaction with Ngumbau Ngina Nthenge was arranged for the students. An awareness class on Women Reproductive Health of Women by Dr. Prasanna. V was conducted. Distributed smart phones for Students as part of "Phone to Learn" project. International Girl Child day was observed. In connection with Pulse Polio Vaccination Day various programs were conducted. Students were led to protest at Irinjalakuda bus stand against the death of a fellow student in a road accident. SJEP - A ety of Josephite's for Environment Protection was set up. An amount of Rs 11000/- was collected for toilet construction. Relief materials were collected for ASSAM and WAYANAD flood affected areas. Made hand sanitizer as part of Covid-19, "Break The Chain Initiative".

#### **ALUMNAE ASSOCIATION**

The Alumnae association of St Joseph's College 'ST JOSEPH'S COLLEGE ALUMNI 'Reg No: TSR/TC/283/2018) is registered as a Charitable Society under the Travancore Cochin Literary, Scientific and Charitable Societies Registration Act XII of 1995. The society works under the chairmanship of Principal Dr. Sr.Ligy V K (Sr. Elaiza CHF) and the President Mrs. Mayalaxmi with support of Secretary Mrs. Sumina MS and Treasurer, Sr Finy P J. Two International webinars were conducted-Criminal Justice System- An Overview on 17th July 2022 by Dhanya Babu, Adjunct professor, Department of International Crime and Justice, City University of New York (Alumna, Department of Economics, 2008-2011) and Sustainable Development Goals on 24th October 2022 by Sujitha Sekharan (Alumna, Department of English, 1981-1984) respectively. National Reading Week was observed in association with College Library on 24th June 2022. Prof Vimala Sankarankutty and two eminent alumnae from Predegree: Preetha Raj (1982-'84) and

Deepa Surendran (1989-'91) presented papers. Association organized 'Guruvandhanam' - A tribute to Gurus on 5 th September, 2022 to honour the teachers. Poster making, Declamation and painting competitions were conducted in association with the college library in connection with the birth anniversary of Dr APJ Abdul Kalam, on 21st October 2022. A Photography competition was held among alumnae to observe World Photography Day. The winners of the photography competition were Mithila Varna (2013-'16 Physics), Shabnam Kavumpurath(Predegree1991-93), Jayakumar (1979-'81) and Rosmi Pauly(1998-2001Economics). The alumnae members of the UAE were chosen from the staff as office bearers. On June 1, 2022, the newly appointed Principalin-Charge, Dr. Sr. Elaiza, and Vice Principal, Dr. Sr. Floweret, were congratulated by the Staff Association. The inaugural official meeting of the Staff Association took place on June 3, 2022. An orientation class for both faculty and staff was organized on August 19, 2022. Monthly evaluation and planning meetings were conducted throughout the academic year. Celebrations of Onam and Christmas were marked by various cultural programs and games. Retiring members of the college, Dr. Asha Thomas (Associate Professor and Head, Department of English) and Mrs. Pouli M R (Lab Assistant, Dept. Of Zoology), were honoured during the celebrations and were given Onam and Christmas gifts. Special acknowledgments and festive greetings were also conveyed to Rev. Dr. Sr. Annie Kuriakose - Mother General, Rev. Sr. Elsy Kokkat - Provincial, Dr. Sr. Rose Bastin - Vicar Provincial, Dr. Sr. Asha - Former Principal, Dr. Sr. Elaiza - Principal In charge, and Dr. Sr. Floweret and Dr Sr Blessy, Vice Principals. The Staff Association paid homage to former faculty members Prof. Sophiamma from the Department of Botany and Ms. Omana from the Department of Zoology, and the retired non-teaching staff members Smt. Cicily, Mr. Kumaran, Smt. Annu, and Sr. Tresa Jane. The commencement of the New Year was celebrated. The weddings of the wards of staff and faculty were joyously celebrated. The achievements of faculty, staff, and their wards were duly acknowledged by the Staff Association. To foster camaraderie and recreation, a staff tour to Chimney Dam and Bamboo Forest was organized on February 9, 2023. Regular monthly staff meetings were held, supplemented by interim and special meetings to assess the progress of NAAC-related initiatives. Special meetings were specifically convened to prepare the faculty and staff for the staff interaction program ahead of the NAAC visit. Refreshments were provided during all pre-planned staff meetings. Staff Day was celebrated grandly on March 21, 2023. Common send-off for the retirees was arranged on March 30, 2023 and they were formally escorted to their residences on March 31, 2023.

#### WE FOR WOMEN CLUB

We for Women Club conducted an array of activities in 2022-23 to celebrate the mission of "empowered women in today's cosmopolitan world". The student co ordinators and teachers actively engaged themselves in seminars, rallies and debates and pondered on the empowerment of women. The activities are as follows. The Club observed Malala Day on 12/07/22 to instill the value of women's education in students. World Equality Day was celebrated on 26/08/22 with a rally, when a group of students visited the classes in the main block and Mariam Thressia Block and spread the message of gender equality.

We for Women Club also conducted an oath taking against the menace of dowry system, in collaboration with the Department of Social Work and the Department of Collegiate Education on 25/11/2022. To signify the day of violence against women, the Women Club conducted a film screening of the film 'Pink' for members, in the research hall on 28/11/2022.In order to commemorate the International Women's Day on 08/03/23, the club organized a seminar entitled 'Redefining Crimson Phases' on sustainable menstruation led by Dr Indu, Aesthetic Physician, in association with NSS Unit and Expectation Walkers. A Workshop on sustainable environment goals, entitled 'Cruising through Femmescapes', led by Ms Smitha V, Management Consultant, was organized by We for Women Club the same day, in collaboration with the department of Mathematics. As part of the campaign for sustainable menstruation through promotion of menstrual cups, We for Women Club conducted a seminar led by Dr Niji Justin, gynaecologist on 21/03/2023.

#### RUSA - RASTRIYA UCCHATHAR SIKSHA ABHIYAN

Our college has been included in the list of RUSA funded institution by the Central and State Government. A fund of Rs 10 Lakhs has been utilized for the renovation of Marian Hall with a facility of Nearline Teleconferencing

## EBSB CLUB - EK BHARATH SHRESTA BHARATH CLUB

St. Joseph's College (Autonomous), Irinjalakuda, in association with the Ek Bharat Shreshtha Bharat (EBSB) Club organized the 'Aawaz' Voice Drive for visually impaired students, as part of the

'Azadi Ka Amruth Mahotsay' celebrations on the 15th of August 2022. The 'Keralapiravi' celebration conducted by the Ek Bharat Shreshtha Bharat (EBSB) Club at St. Joseph's College (Autonomous), Irinjalakuda, on November 1, 2022, was a vibrant and culturally enriching event. Hindi Diwas was celebrated to commemorate the adoption of Hindi as The college union election for the academic year 2022-2023 was held on 8th November 2022. The details regarding the election displayed on the college notice board. The preliminary electoral roll and the final electoral roll were also published on the college notice. Results were announced by the principal after counting on the same day. Chairperson, vice chairperson, general captain were unanimously elected.Other posts were filled through election. Three nominations were filed for general secretary. Three nominations were filed for Joint Secretary. Three nominations and two nominations were filed for Fine Arts Secretary and Student Editor respectively. Five nominations were filed for University Union Councillor post. Five nominations were filed for 3rd year general representatives, six nominations were filed for second year general representatives and five nominations were filed for first year general representatives. Each candidate was asked to remit a fee of Rs. 50 for filing nominations and receipts were kept for the same. The filed nominations were subjected to scrutiny before

The list of the elected members is as follows:

**CHAIRPERSON** 

RANJANA P H

III DC ENGLISH

VICE- CHAIRPERSON

TIA I UKKEN

III DC ECONOMICS

**GENERAL SECRETARY** 

EDWINA JOSE

III DC ENGLISH

**JOINT - SECRETARY** 

SHAMIYA S.

III DC CHEMISTRY

UNIVERSITY UNION COUNCILLORS

NIKITHA CASTRO

III DC BSW

RIZANA N K

III DC PSYCHOLOGY

FINE ARTS SECRETARY

**ASWATHI** 

II DC MATHEMATICS

STUDENT EDITOR

INDU RAVINDRAN P.

II DC BCOM CA GENERAL CAPTAIN SHILPA SHAJI

III DC ECONOMICS
I DC REPRESENTATIVE

**ASNA** 

I DC BIOTECHNOLOGY

II DC REPRESENTATIVE

NAEEMA NAZIR

II DC BBA

III DC REPRESENTATIVE

**ALANA SIBI** 

III DC BIOTECHNOLOGY

PG REPRESENTATIVE

GANGA ANILKUMAR

II MA ENGLISH

XIII. CLUBS

#### **NATURE CLUB**

Nature club launched "Pachathuruth" project, with the aim to convert barren land to a green land under the sponsorship of Irinjalakuda municipality and Haritha keralam mission, of the government of Kerala. "Pachathuruth" provides an innovative solution to conserve the biodiversity by planting indigenous plants and trees thereby creating habitats for various animal species. It was constructed under the "Miyawaki ecosystem model". Another venture of nature club was ecological tour to Eravikulam National Park on 29/01/2023. The team spent 2 days in the abode of the National Park.

#### SPEAK ENGLISH CLUB

Speak English Club encourages and supports the students to improve their communication and presentation skills in English. All students of the Department of English and interested students from other departments are members of this club. The club offers a wide range of interactive sessions and competitions to achieve this goal. Reading Week was celebrated in association with the Department of English in June 2022. A Book Club was initiated as a new venture to motivate students to undertake guided reading. Dr. C. V. Francis, Former Head of the Department of English, Christ College inaugurated the club and released a reading list of twelve books for the members of the book club to read. Students from various departments attended and benefitted from the Reading Hour conducted in connection with Reading week. The session helped the students to develop their reading competencies and enhanced their confidence to express their thoughts in a group. Debate sessions were organized on socially relevant topics like women's issues and opportunities, dowry issues, and higher education in India and abroad.

#### **FINE ARTS**

Welcome dance organised for the first year students on 17/8/2022. The Talent Seeking programme for the First year students, 'RISE TO FAME 'was conducted on 19 th September 2022. Onam was celebrated with all its joy and fun, many competitions under the initiation of fine arts club were conducted on September 1 st 2022. Cultural programmes presented before the NAAC peer team, on 19 th January 2023 were under the initiative of the fine arts club. college dance team participated in the Rashtradeepika dance fest conducted on 30<sup>th</sup> October 2022 by St Thomas college (Autonomous) Thrissur .A dance team from our college took part in Arts Kerala 2022, organized by Christ College Irinjalakuda on 17 th December 2022. The college Drama team won great appreciation from the judges and the audience in D Zone competitions of the University of Calicut.

#### ORATORY AND QUIZ CLUB

On 2<sup>nd</sup> December 2022, St. Joseph's College Irinjalakuda hosted its first ever Youth Parliament session in connection with the Oratory club. The motive behind the session was to raise ness among our students about the ceedings of the highest law making body in our country. It was also aimed to provide a platform for our students to engage in thought voking and relevant topics of debate and to display their talents. We were joined by Hon. MP of Thrissur Shri. T.N Prathapan who graciously accepted our invitation to be the Chief Guest of the day. All in all the event was a grand success and left the audience and the participants eager for the next session!

#### **BIODIVERSITY CLUB**

The biodiversity club members observed the International Day for Biological Diversity by conducting a general online quiz 'BioDive-22'. The members also identified the faunal diversity of the campus with the help of taxonomists and was instrumental in displaying more than 100 of them in the campus with images and scientific names. To revive the diminishing indigenous fish diversity, the club members were involved in maintaining these fishes in a natural waterbody in the Green Valley of college.

#### **HEALTH AND FITNESS CLUB**

The department has 'Fit 4 Life' project through Health and Fitness Club to create a health and fitness culture among students as well as faculty and staff members. The club organized a Body Checkup for students with a Body Composition Analyzer.

Open gym classes were given to the students. The club has fixed classroom stretching posters in all classrooms and departments. The club has installed 'Body Mass Index (BMI)' points in two places of the college to understand the BMI of faculty, staff and students. The club conducted awareness classes on the importance of health, women health, use of drugs etc.. to the students. Yoga classes were conducted for the students of the college.

#### **CONCLUSION**

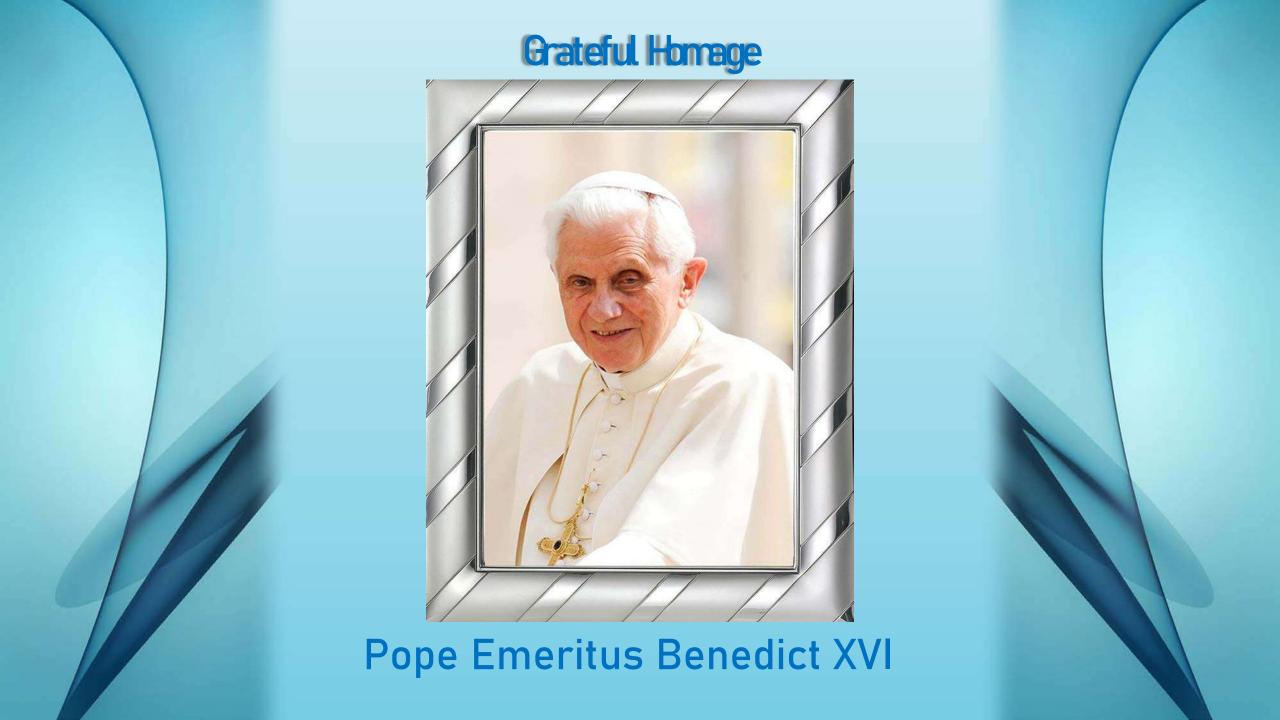
As I conclude, allow me to bow in humble veneration before the grace of Lord Almighty for guiding us through the noble paths of wisdom and righteousness. May I place on record my heartfelt gratitude to the entire Josephite family for your commitment and diligence in serving the institution. May I pray for the perpetual patronage of St Joseph in all our future ventures. I humbly beseech the divine intercession of Saint Mariam Thressia and Venerable father Joseph Vithayathil.

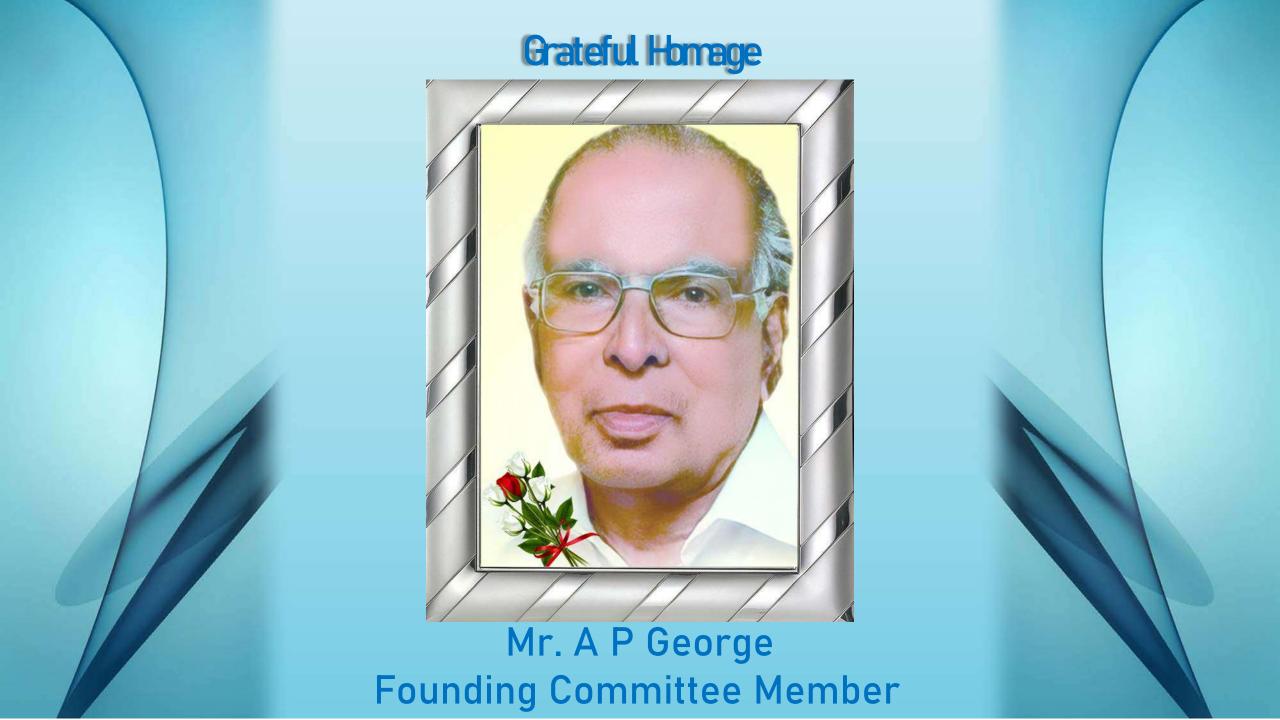
Thank you.

# 59th College Annual Report 2022-23





















# SALUTE FAREWELL

# F R E W E

# Dr. Asha Thomas

**Dean of Arts** 

Associate Professor & Head Research Department of English

# R E W E

# Mrs. Pouli M.R

Lab Assistant,
Department of Zoology



# 59 Years of Educare Since 1964

# C A N N REPORT

# MILESTONES

C 0 A N N A R P O R T



# **IQAC Core Committeee**



# Kerala College Games 2022 State Champion



LEGE A N N U REPORT

## 3<sup>rd</sup> Best Women's College in Sports in the University of Calicut



## A N N U REPORT

## Best Women's College Award by K. Mohandas Ex. MP Foundation

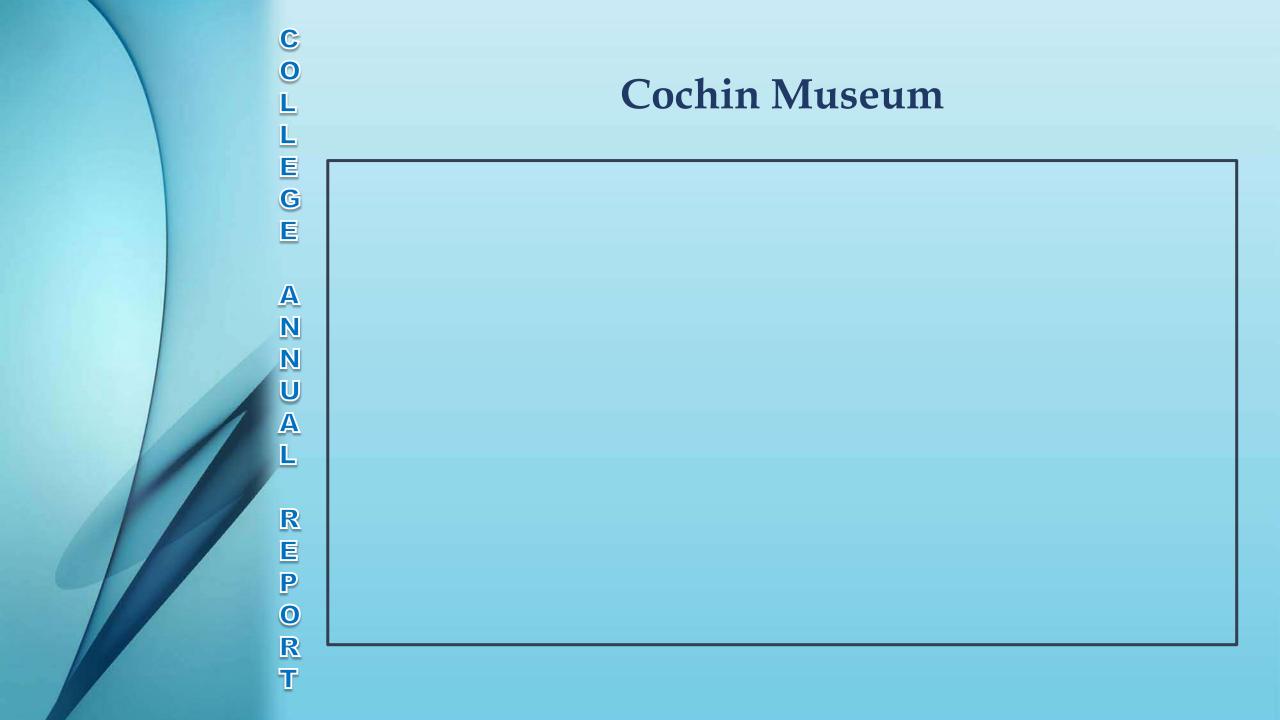
#### E-learning Award 2019-2020 & 2020-2021



0 A N N U A R E P O R T



#### **SJC Library**



#### **Incubation Centre**





#### Renovation of Marian Hall

## Guruvarishta Award for Rev. Dr. Sr. Rose Bastin



#### College Bus Service Inaugurated By T N Prathapan, MP



#### MoU

























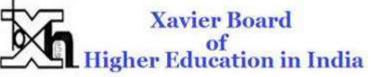




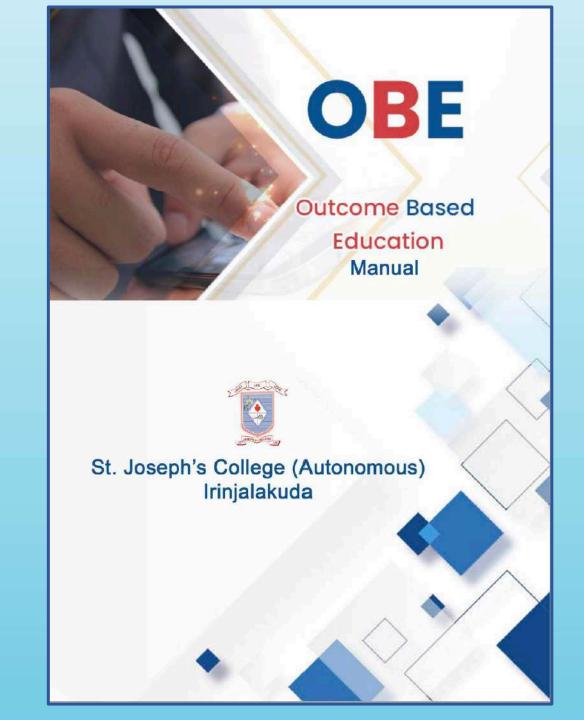












## A N N U REPORT

#### Teacher of the year



Dr. Binu T V
Assistant Professor
Department of Botany



## Researcher of the year (Science)



Dr. Sr. Anjana CHF Assistant Professor Department of Chemistry

## Researcher of the year (Arts)



Dr. Jose Kuriakose Assistant Professor Department of History

C A N N REPORT

### DEPARTMENTS

### FACULTY OF ARTS

# Research & Postgraduate Department of English

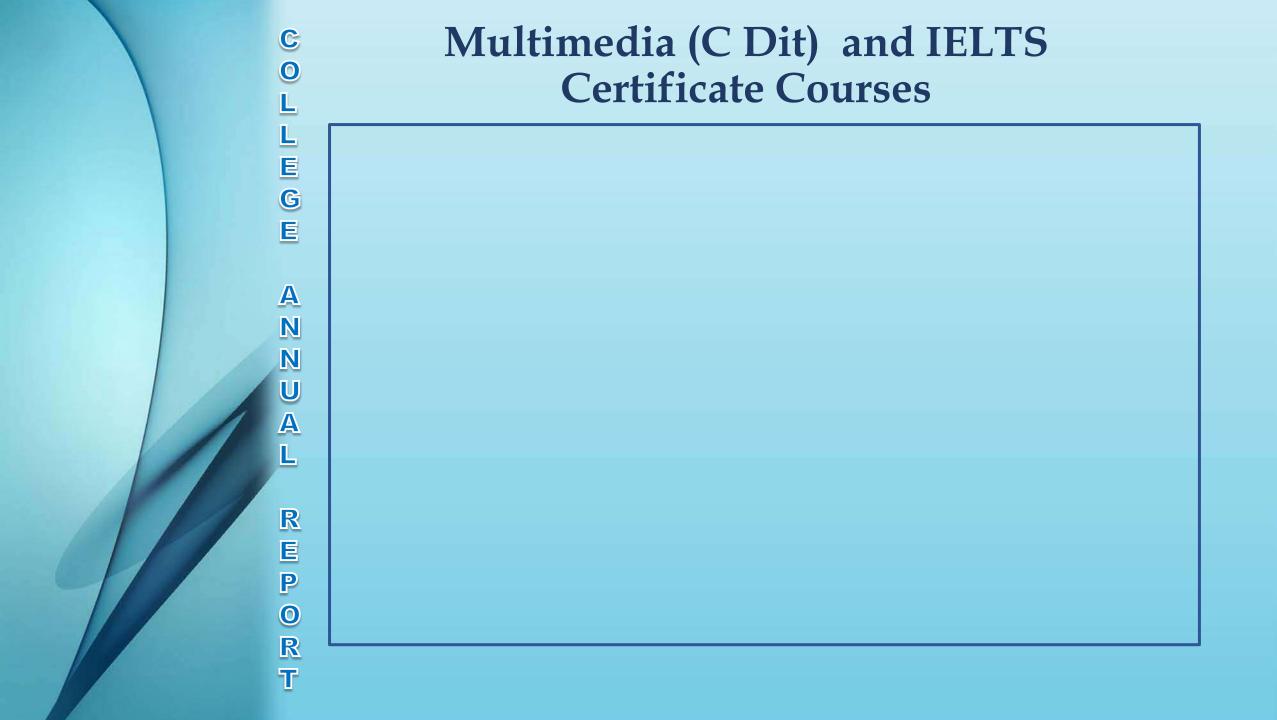
R E P O R T

A

## **Connectte: Social Extension Programme**







A N N U REPORT

C

#### Mobile Book Tour: Legamus: National Reading Week Celebrations







#### Congratulations to the new the PhD Holder



# Department of Economics REPORT

#### 'Focus 2k22- Careers in Economics'



#### End Violence against Women



A N N R E P O R T

Organized an International Webinar in collaboration with Department of Economics and Sociology of Mercy College, Palakkad

## Department of Hindi

## Hindi day celebration and Technical Terminology Quiz 'Ekata'







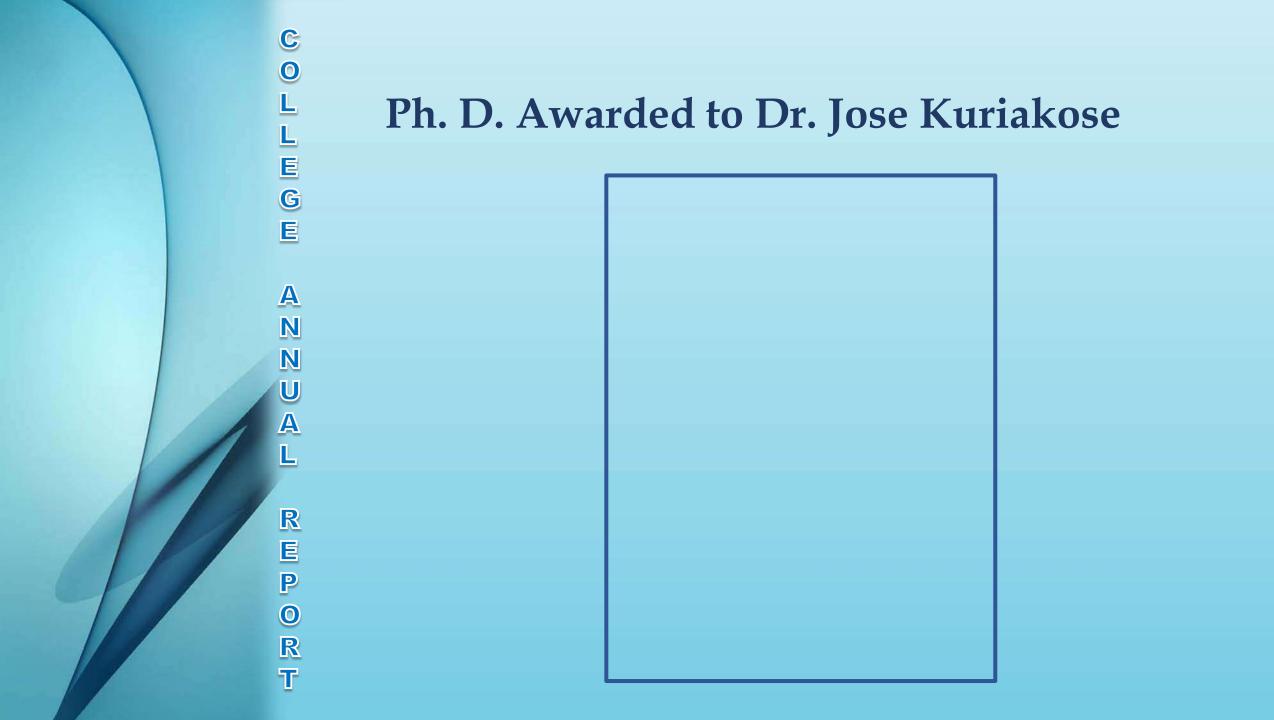


Students of Hindi Association "DHWANI" released an E-Magazine

## Department of History

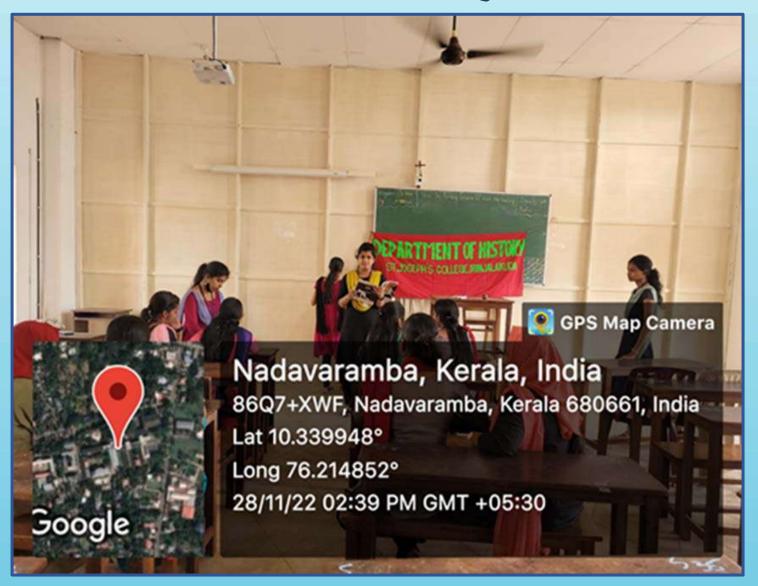
#### **Environment and History**





C

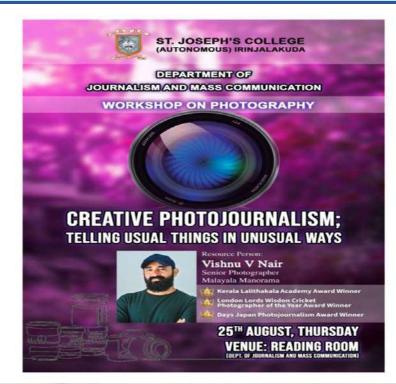
#### **Constitution Quiz**



# Department of Journalism and Mass Communication

## G E A N R E P R

#### **Creative Photojournalism**





E

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#### Media Club Inauguration







## 0 A N N A R E P O R T

#### Media Cell

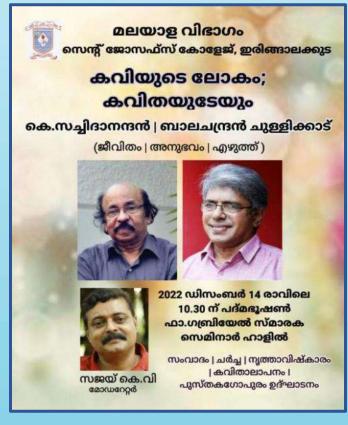


# A N N R E P O R T

# Department of Malayalam

#### Kaviyudelokam Kavithayudeyum





#### C E E A N N R E P R

#### Aa Poovu Nee Endhu Cheithu





C A N N U REPORT

MBIFL23 seminar on "Malayalanovelile Crime Vayanakal" by Balachandran Vadakkedath in association with Mathrubhoomi

# R E P O R T

# A Department of Physical Education

### Dept. Chef De Mission of Kerala Teams for National Games 2022





### Indian Under 20 volleyball team in the Asian championship

A N N U A R E P O R T



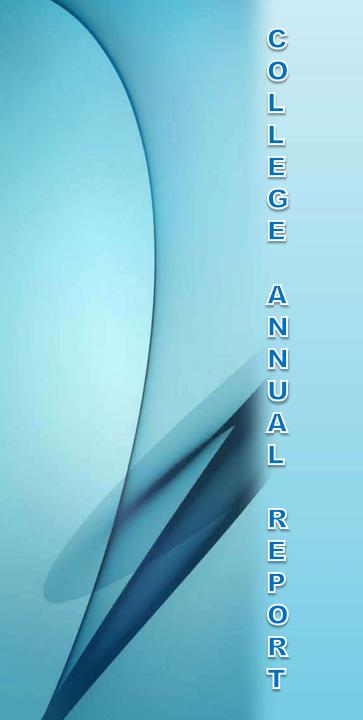


#### **Hosted Calicut University/State Events**

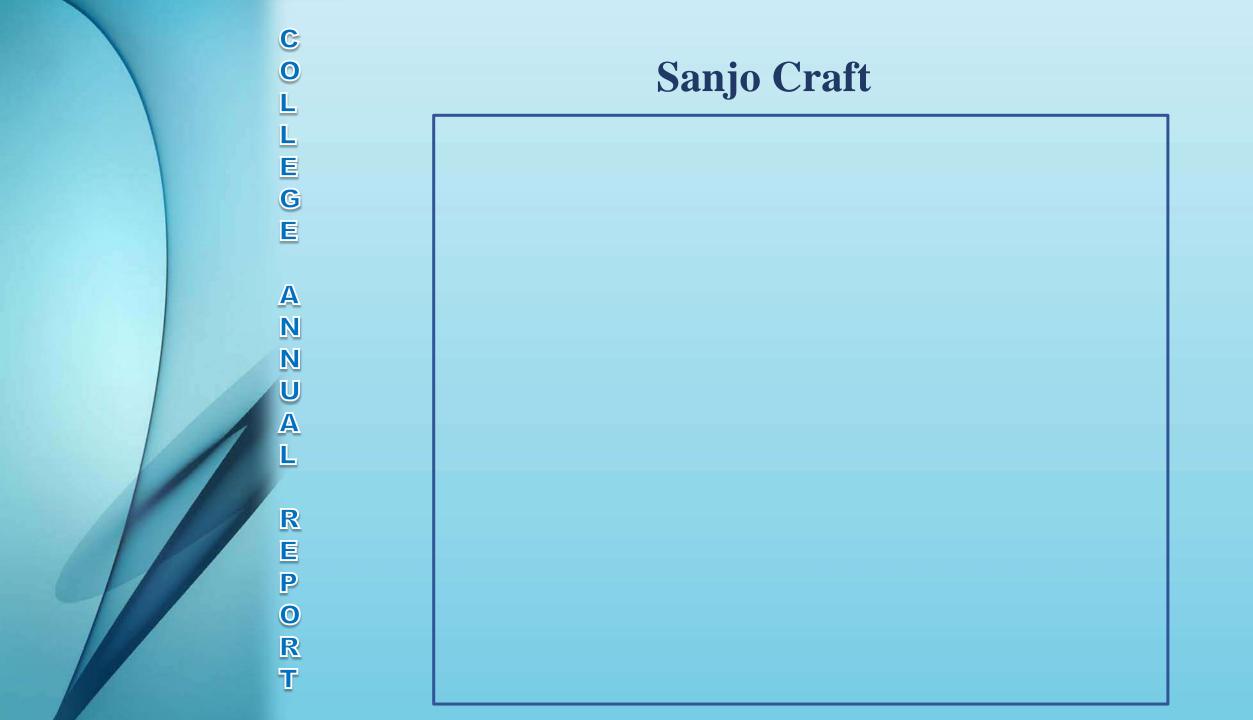


# A N N R E P O R T

## Department of Social Work



#### **Human Rights and Social Work**



# A N N REPORT

#### Department Association "SAMASTHA"



# Department of English (Self Financing)

#### **Communicative English**



# REPORT

A N N

#### Wall Magazine



### Masquerade in Hampshire (Jane Austen's Birthday Celebrations)



C 

REPORT

### FACULTY OF SCIENCE

#### Department of Biotechnology

COLLEG E N R E P O R T

Patent: "Novel Rare-earth (Europium or Terbium)
Doped Strontium Aluminate Nanoparticles for
Fluorescent Staining of Live Plants".

(12) PATENT APPLICATION PUBLICATION (19) INDIA (22) Date of filing of Application :27/04/2022		(21) Application No.202241024708 A (43) Publication Date: 13/05/2022
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	C12Q0001060000 :NA :NA : NA  . NA . NA . NA . NA :NA :NA :NA	Address of Applicant: NA (72)Name of Inventor:  1)NEENU MARY THOMAS Address of Applicant: DEPARTMENT OF PHYSICS, UNION CHRISTIAN COLLEGE, ALUVA, KERALA, INDIA, PIN CODE-683102.  2)NAIJIL GEORGE Address of Applicant: DEPARTMENT OF BIOTECHNOLOGY, ST.JOSEPH'S COLLEGE(AUTONOMOUS), IRINJALAKUDA KERALA, INDIA, 680121  3)VIJI MO Address of Applicant: DEPARTMENT OF BIOTECHNOLOGY, ST.JOSEPH'S COLLEGE(AUTONOMOUS), IRINJALAKUDA KERALA, INDIA, 680121  4)ANIL E I Address of Applicant: DEPARTMENT OF PHYSICS AND ELECTRONICS, CHRIST (DEEMED TO BE UNIVERSITY), HOSUR ROAD, BANGALORE, KARNATAKA, INDIA, 560029

## A N N U REPORT

Research Guideship Dr. Sr. Floweret

#### **International Seminar BIOVERVE 2022**



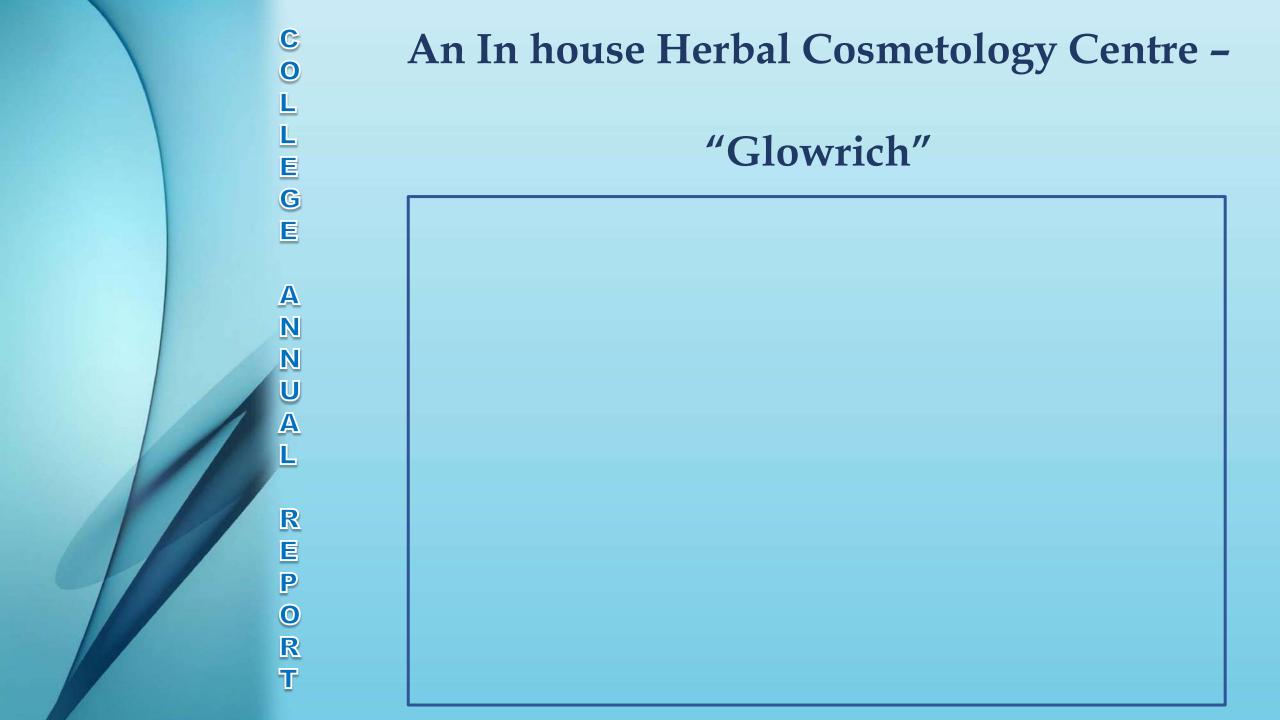
#### Skill Development Programme





# A N N R E P O R T

# Department of Botany



#### World Bamboo Day



#### **Tirang Mahotsav**



# A N N R E P O R T

# Department of Chemistry





Association Inauguration & Merit Day



#### Ph. D Awardee

#### Ph. D. Awardee



Dr. Vidhya Thomas K.

#### **Research Guides**



Dr. Sr. Mini Thomas



Dr. Sini Varghese C.



Dr. Sr. Nisha George

#### Chemistry Exhibition-'CHEMENESE'









# Department of Computer Science

#### Patent: Design System of Intelligent Healthcare System Using IoT Driven Signals With Machine Learning

N REPORT

DATE OF FILING	15/12/2022	
APPLICANT NAME	<ol> <li>Ms.V.Anitha, Panimalar Engineering College</li> <li>Dr.Siji P D, St. Joseph's College (Autonomous)</li> <li>Dr.C.Priya, Dr.M.G.R. Educational and Research Institute</li> <li>Ms.Reesha P U, St.Joseph's College (Autonomous)</li> </ol>	
TITLE OF INVENTION	Design System of Intelligent Healthcare System Using IoT driven Signals with Machine Learning	
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING	
E-MAIL (As Per Record)	annemoses2020@gmail.com	
ADDITIONAL FMAIL (A. D. D. D.		

### An Inter-Collegiate Tech Fest CELESTA ZEST 4.0



## A N N U REPORT

#### PhD Awarded to Dr. Sr. Blessy





# A N N REPORT

## Department of Mathematics

#### SIM Club Inauguration, Merit Day & Mathziana Release











### 27th Intercollegiate Interschool Math Quiz













#### **Invited Talks**

Dr Sunil Jacob John, Professor NIT Calicut



Ms. Greeshma S., Statistical Investigator Dept. of Economics and Statistics



Dr. Narayanan P. A., Assistant Professor St Aloysius College Elthuruth



Mr. Ajeesh Davis, Senior workload automation specialist.

Kyndryl India PVT LTD



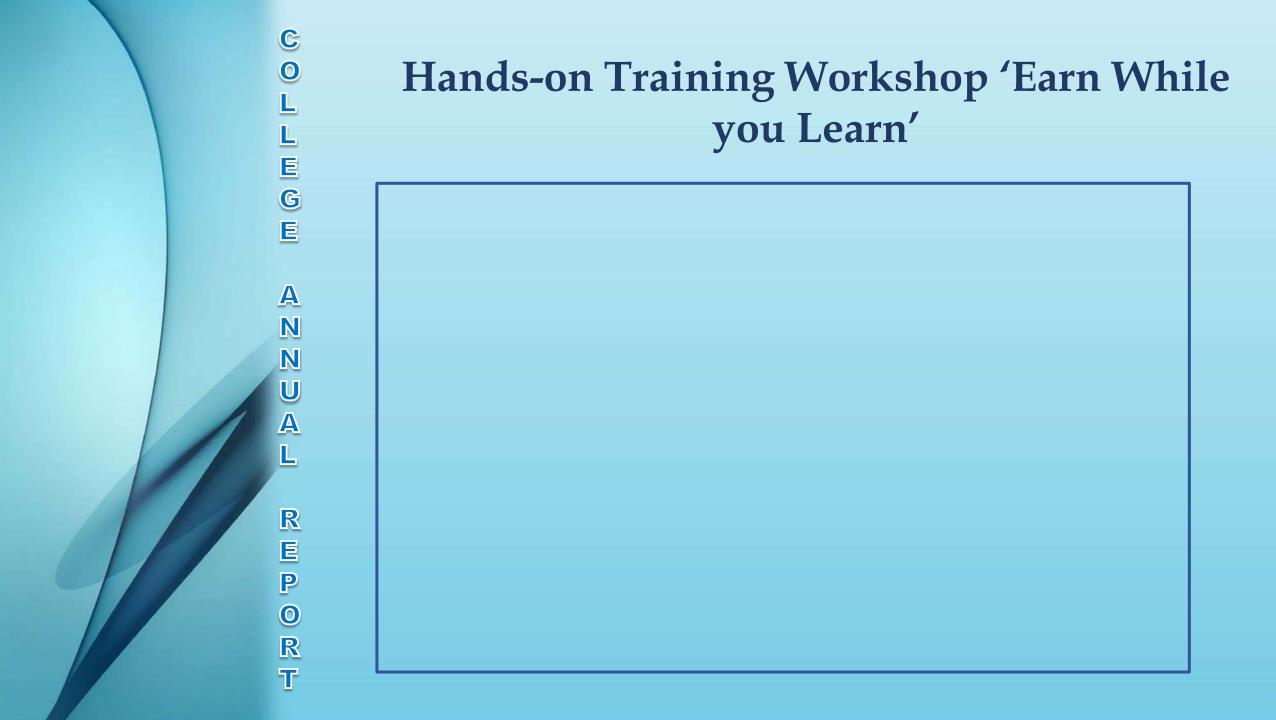
C 0 A N N U A R E P 0 R



# A N N U REPORT

## Department of Physics

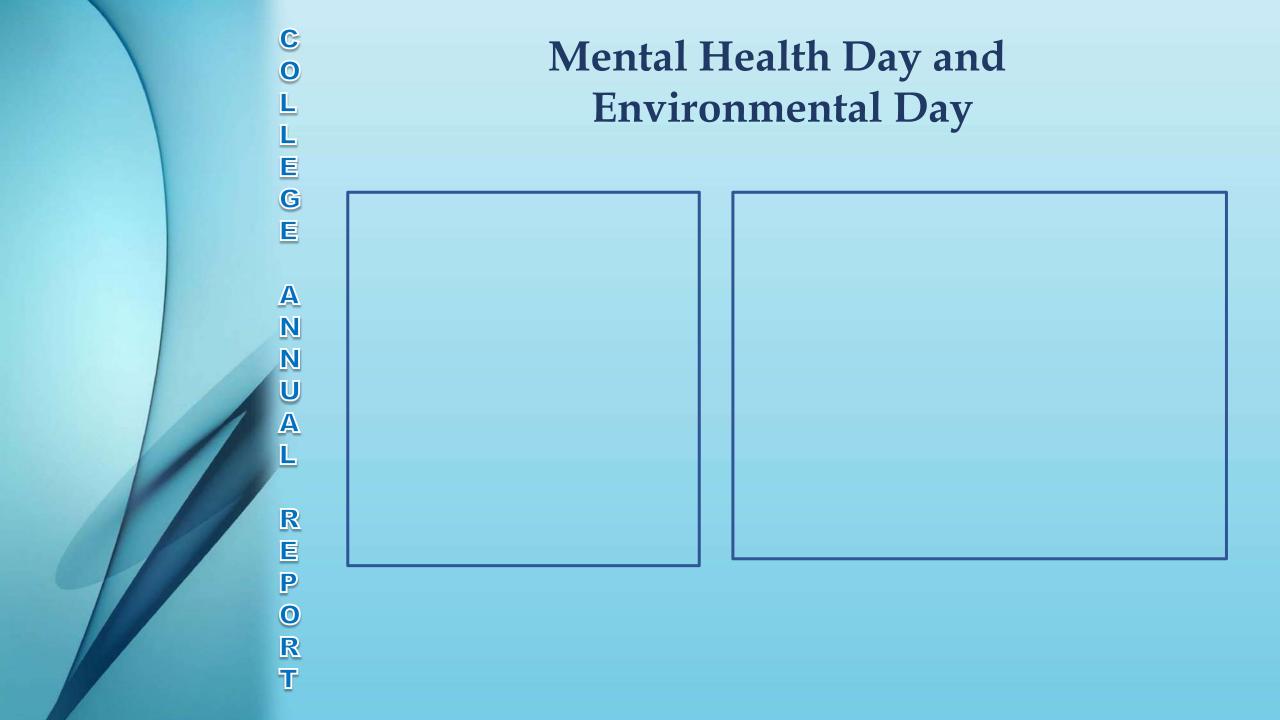


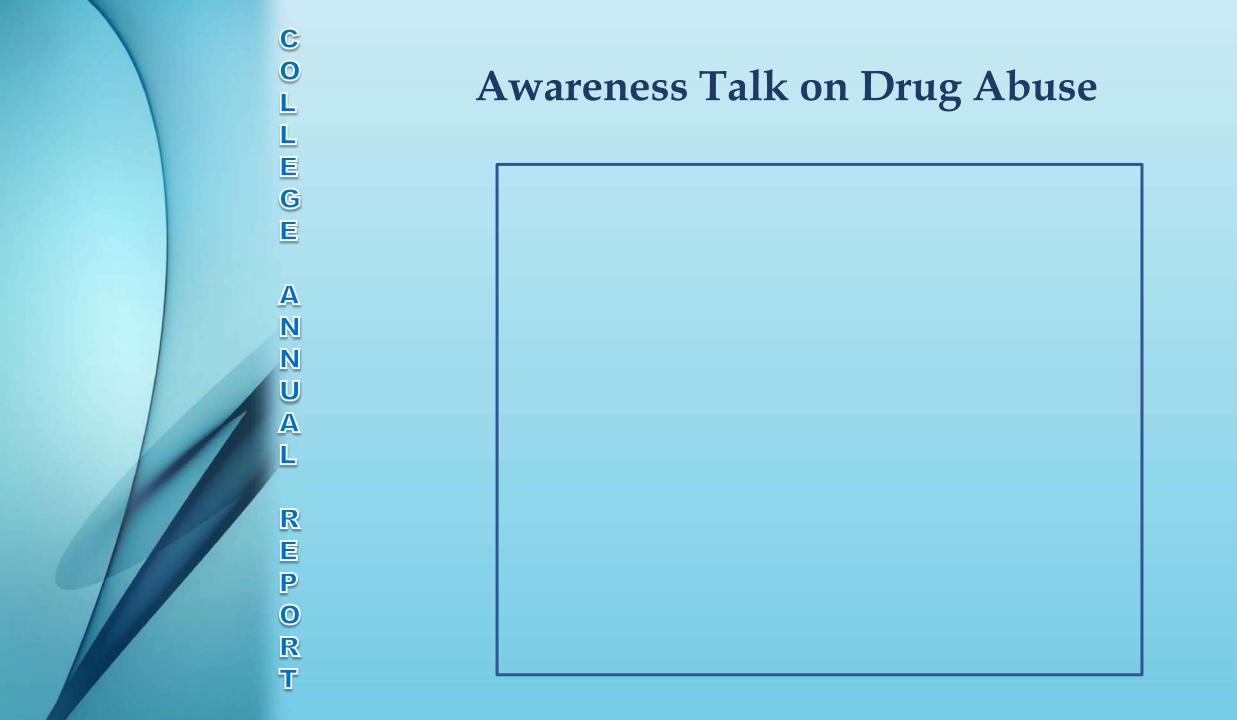


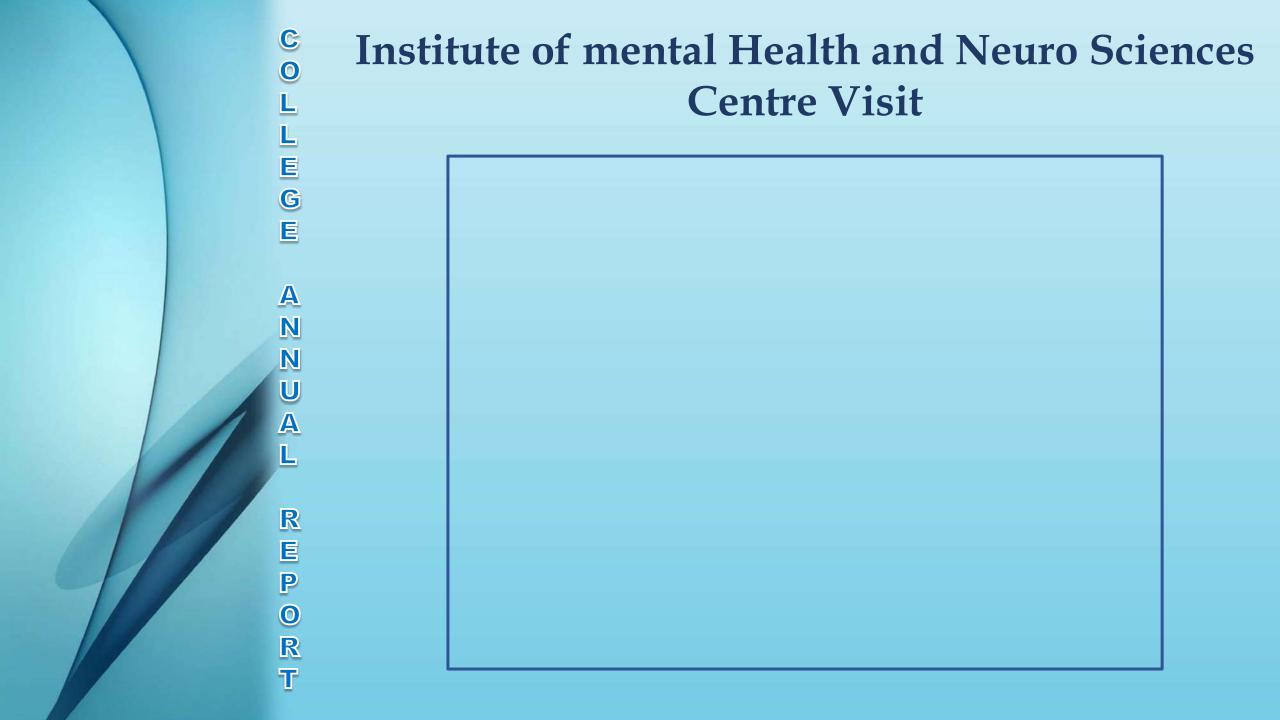


# A N N U REPORT

## Department of Psychology







# A N N REPORT

## Department of Zoology

### C E G E N N R E P 0 R

### National level Webinar cum Seminar on Trends in Bioscience



### C E G E A N R E P

#### **International Publications**



2 Springer Link

Review Article Published: 18 June 2022

Microbial production of nutraceuticals: Metabolic engineering interventions in phenolic compounds, poly unsaturated fatty acids and carotenoids synthesis

Aravind Madhavan, K. B. Arun, Deepthy Alex, A. N. Anoopkumar, Shibitha Emmanual, Preeti Chaturvedi, Sunita Varjani, Archana Tiwari, Vinod Kumar, R. Reshmy, Mukesh Kumar Awasthi, Parameswaran Binod, Embalil Mathachan Aneesh & Raveendran Sindhu

Journal of Food Science and Technology (2022) Cite this article

375 Accesses | 1 Citations | Metrics

Vertebrate Zoology 72, 2022, 81-94 | DOI 10.3897/vz.72.e76046



SENCKENBERG world of biodiversity



#### A new species of large-bodied Hemidactylus Goldfuss, 1820 (Squamata: Gekkonidae) from the Western Ghats of India

Sandeep Das<sup>1,2,3</sup>, Saunak Pal<sup>4</sup>, Sasidharan Siddharth<sup>5</sup>, Muhamed Jafer Palot<sup>6</sup>, Veerappan Deepak<sup>7,8</sup>, Surya Narayanan9

- 1 Forest Ecology & Biodiversity Conservation Division, Kerala Forest Research Institute, Peechi, Kerala-680653, India
- 2 Department of Zoology, St. Joseph's College (Autonomous), Irinjalakuda, Thrissur, Kerala 680121, India
- 3 EDGE of Existence programme, Conservation and Policy, Zoological Society of London, London, NW1 4RY, United Kingdom

### Skill Development Programme & Entrepreneurship Development Programme Programme





E

A N

R E P O R T

Organized Entrepreneurship development programme with Seminar on Bee keeping and visit to Bharath Bee keeping Centre

# Department of Costume & Fashion Designing

Organized "Melange", an exhibition cum sale of various creative hand made products

### **MoU:** Choice International Education Privet Ltd.

E E N N R E P R



### A N N A R E P O R T

#### "Chandam 2k22"



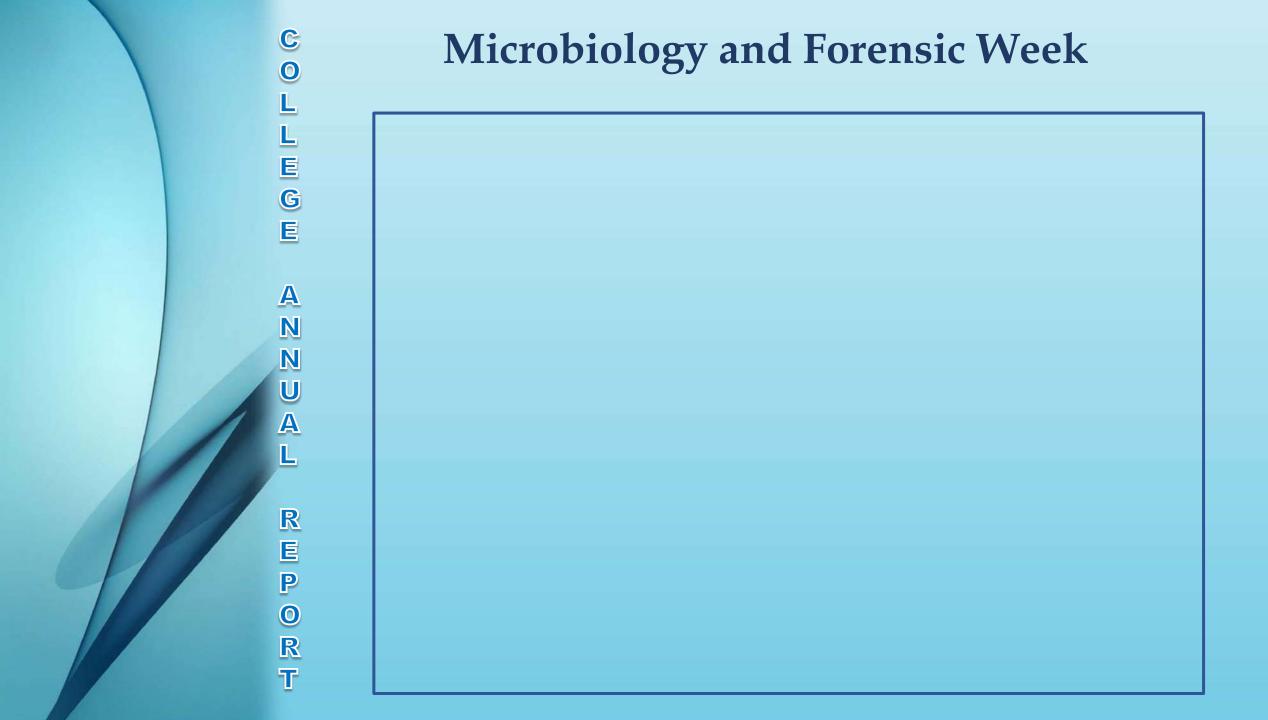


# Department of Microbiology & Forensic Science

# A N N REPORT

#### "INVISIBLE ENIGMA"





C E

REPORT

### FACULTY OF COMMERCE

# A N N R E P O R T

## Department of Commerce

### **Association of Commerce Talents (ACT) 2K22**

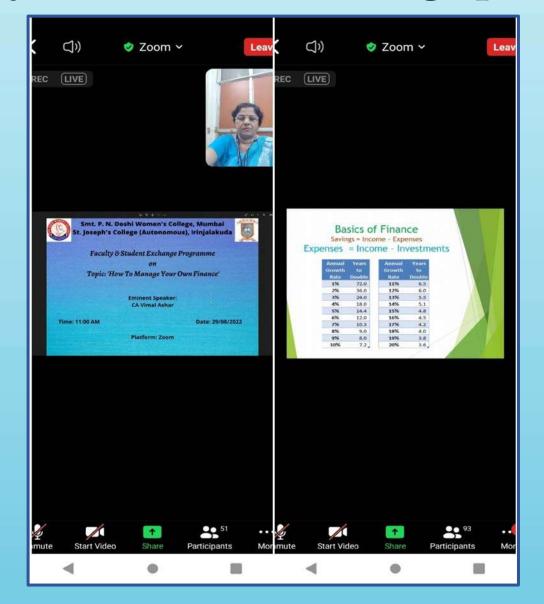


#### Online share trading and ITR filing training



### C E N N E P 0 R

### Faculty and student exchange programme



# Department of Commerce and Management Studies(Self Financing)

### Jnanodaya 2K22



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A N N

REPORT

### Manjeera Kairali



### Opportunities and Challenges of Corporate world



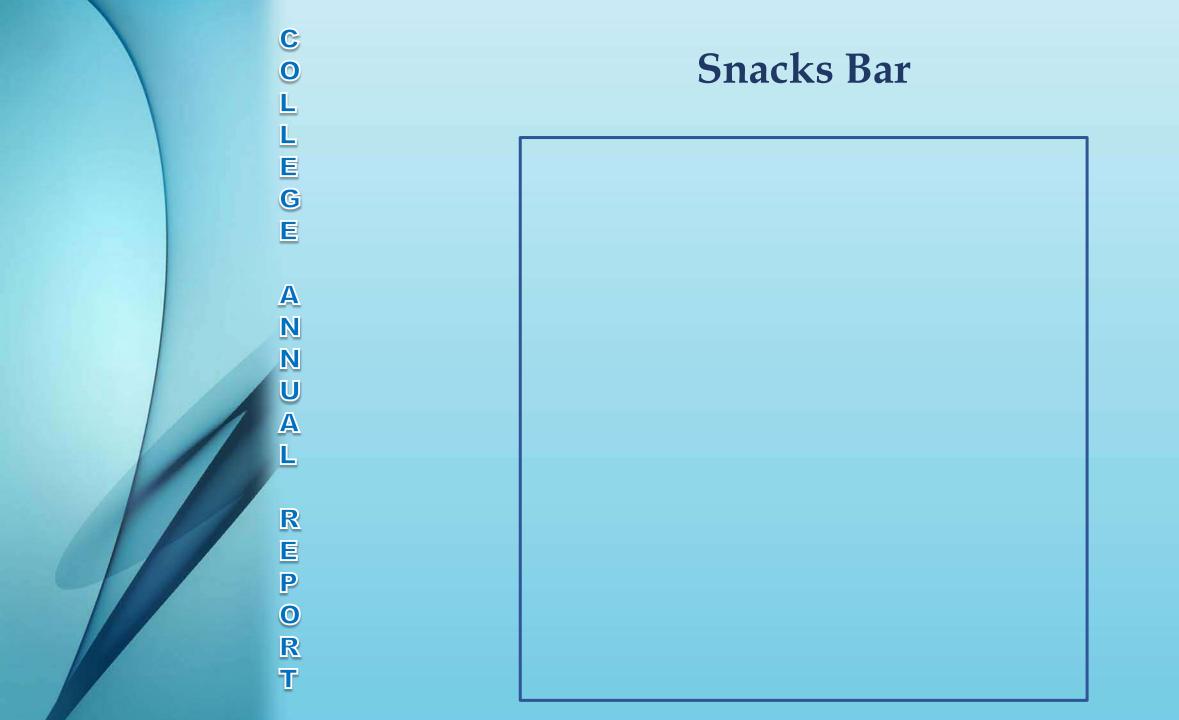
# Department of Business Administration

## C Theme Show JAI HO 2K22 A N N U REPORT

C E A N N U A R E P 0 R

## Industrial Visit At Bench Mark Chocolate Factory Ooty





# A N N R E P O R T

### RESEARCH

### Research and Development Centre

• Well Wash was installed by KSE Limited Irinjalakuda.

• Started a Hub of Micro Forensia

# Centre for Plant Tissue Culture

Standardized tissue culture methods for 9 different medicinal plants and also hardened them in green house.

R E P O R T

Mass quantity of Kacholam plant species were produced and outsourced to Ahalia Health Heritage & Knowledge Village, Palakkad.

## Centre for Research in Mathematical Sciences

#### NET/JRF orientation and JAM coaching



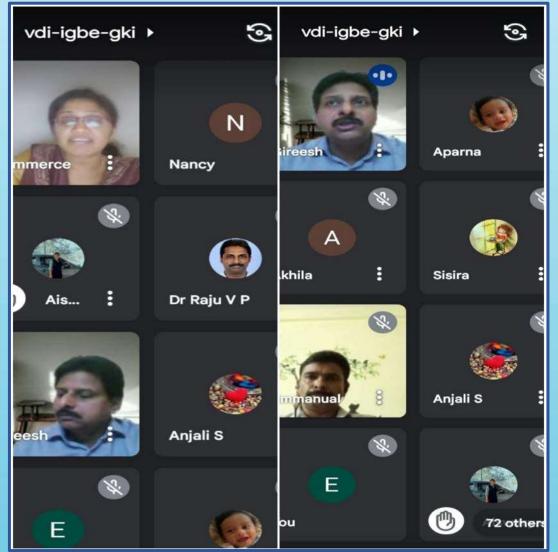
#### **Math Park Envisaging Mathematicians**



# Centre for Research in Commerce

### C E A N N U A REPORT

## Online Workshop on "Quantitative Techniques for Business Research"







# Centre for Research in Chemical Sciences

# A N N R E P O R T

#### **Solar Simulator**



## C E G E E P R

#### **International Research Publications**

Journal of Cleaner Production 377 (2022) 134479

Contents lists available at ScienceDirect

Journal of Cleaner Production

journal homepage: www.elsevier.com/locate/jclepre



**Impact Factor** 11.07

Journal of Photochemistry & Photobiology, A: Chemistry 425 (2022) 113666

Contents lists available at ScienceDirect

Journal of Photochemistry & Photobiology, A: Chemistry

journal homepage: www.elsevier.com/locate/jphot



Electrospun membrane of PVA and functionalized agarose with polymeric ionic liquid and conductive carbon for efficient dye sensitized solar cell

Mini Thomas , Sthuthi Jose

Department of Chemistry, St. Joseph's College, Irinjalakuda 680121, Kerala, India



for controlled release of agrichemicals and improved germination: Towards a better agricultural prospect

Electrospun polymer nanocomposite membrane as a promising seed coat

Nonu Davis Chakkalakkal ", Mini Thomas ", Pearly Sebastian Chittillapilly , A. Sujith , P.D. Anjali

\* Department of Chemistry, St. Joseph's College, Irinjalakuda, Kerala, 680121, India:
\* Department of Chemistry, NIT, Calicut, Kerala, 67360, India





Dr. Sr. Mini Thomas

Optical and Quantum Electronics (2022) 54:198 https://doi.org/10.1007/s11082-022-03538-6

Functionalized electrospun nanofibers integrated with Ag/ Au nanoparticles as a platform for enhanced nonlinearity

Nisha George<sup>1</sup> · Radhu Subha<sup>2</sup> · N. L. Mary<sup>3</sup> · Agnes George<sup>4</sup> · V. Anoop<sup>3</sup>



Dr. Sr. Nisha George

# A N N R E P O R T

#### **Seed Money for Research**



#### **Research Scholars**

#### **NEW RESEARCH SCHOLARS**



Keerthana Gopal



Midhun Chandran



Abhirami K S



Poornima M P



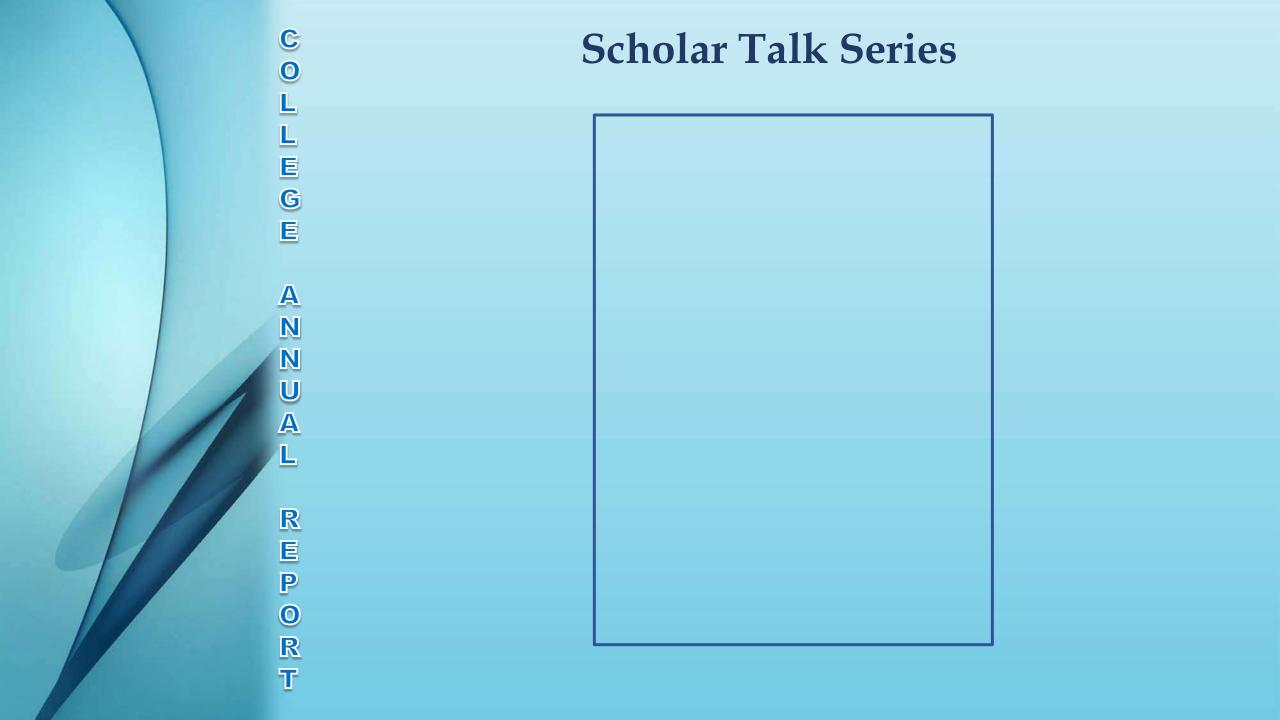
Hisna V H

# Centre for Research in English

#### Guideship to Dr. Linet Sebastian



Research Scholar of the Centre Ms. Arathi A M submitted PhD thesis under the guidance of Dr. Asha Thomas



> A N N U A

R E P O R T

# STUDENT WELFARE PROGRAMMES

A N N U A L R E P O R T

## NCC

#### Lieutenant to Captain



#### Cadets participated in Thal Sainik Camp

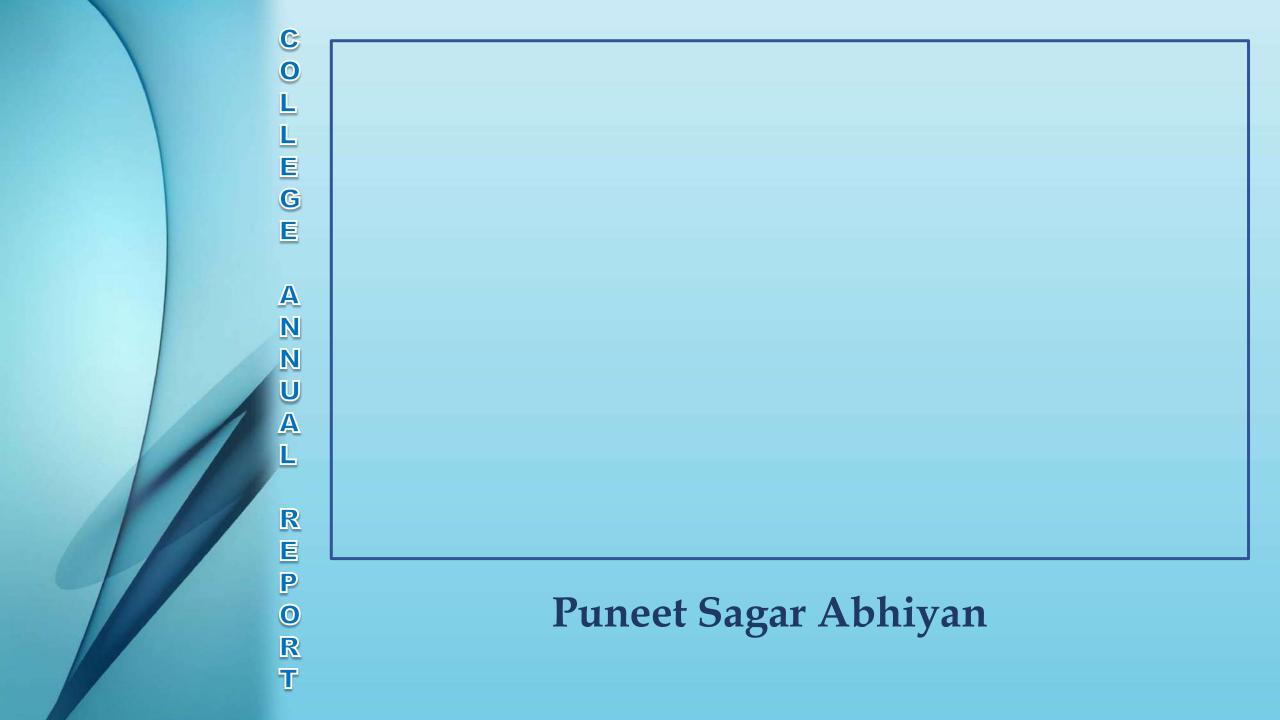




A N N U A R E P O R T



We Care Project



A N N U A L R E P O R T

## NSS

Covid Warriors Award was awarded to the volunteers who took part in social service during the pandemic





#### 7 day Residential Camp Nervazhi 2022

ANNUAL REPORT

#### Grievance Redressal Cell

 Provision for dropping complaints in grievance boxes was installed at every floor

 Introduced the provision for online complaint registration in the college website

# Anti Ragging Cell

R

- Online anti ragging undertaking was done by the students.
- Contact numbers of the members of antiragging committee and squad and the helpline number were posted in the college website.
- Anti ragging posters were kept in the prominent places in the college.

#### Anti Narcotic Cell

- Anti Narcotics pledge was administered to the entire student body
- Anti Drug awareness class was organised in collaboration with Indian Medical Association

#### Academic Excellence

 Monitored the Conduct of PET (Post Entrance Test) and BRIDGE Course for the UG First year Students.

### **FACILITIES**

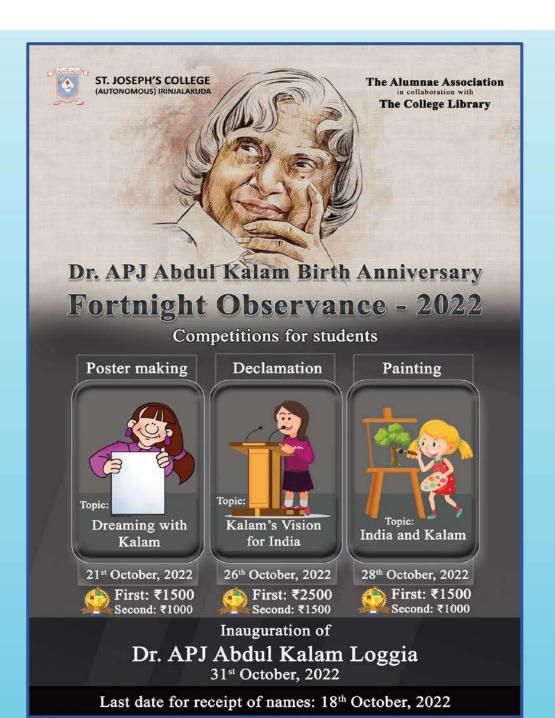
# A N Darsana R E P O R T



Conducted meetings of different groups specially senior citizen group, AA group, Swantnam group etc.

# Library





## COMMITTES

# A N **AICUF** R E P O R T

• The "HAIR DONATION CAMPAIGN" was organized in which 24 students donated their hair.

## Jossine Reach

 Conducted one day awareness class on 'Good and Bad Touch for students' at GLPS Kodakara.

#### Alumnae Association



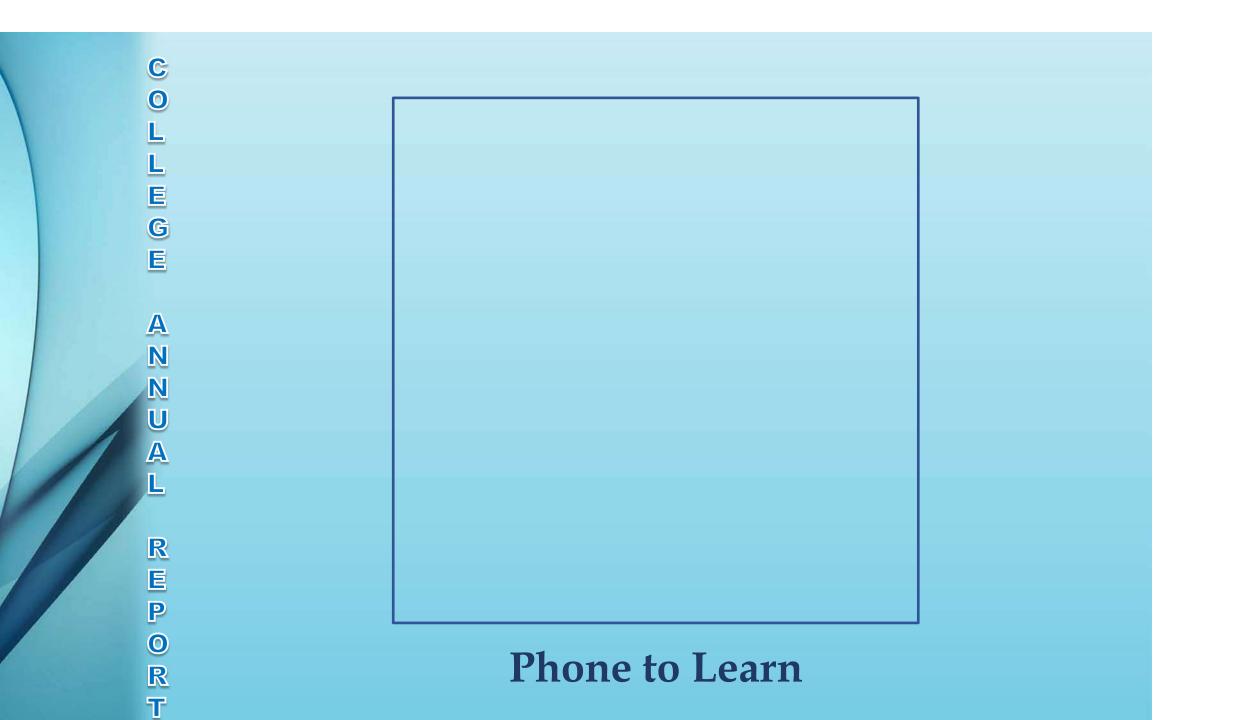
**Benefaction Days** 



**International Webinars on Criminal Justice** System and Sustainable Development Goals



The Bloom - From Being to Becoming



# HRDC

R



#### ST. JOSEPH'S COLLEGE (AUTONOMOUS) IRINJALAKUDA

#### **OUR RECRUITERS**







































XYLEM Learning App



















#### 200+ Placements

### MOUS SIGNED AND OTHER AFFILIATIONS FOR VOCATIONAL SKILL DEVELOPMENT









# Rev Sr. Mary Franco Memorial Educational Charitable Trust

• Rs. 30,000/- was given to charity

## Special Programme



#### Reception to the Champions of Kerala College Games 2022



**UG & PG Initiation Ceremony** 

#### Staff Association

#### Paid homage to:

- Prof. Sophiamma, former faculty of the department of Botany
- Retired non teaching staff members

Smt. Cicily K V

Mr. Kumaran M M

Smt. Annamkutty M P

Sr. Tresa Jane





## **Onam Celebration**









## **Feast Day Celebration**





## **Christmas Celebration**

## We for Women Club

### Oath Taking on Anti-dowry Day

# RUSA

#### Renovation of Marian Hall

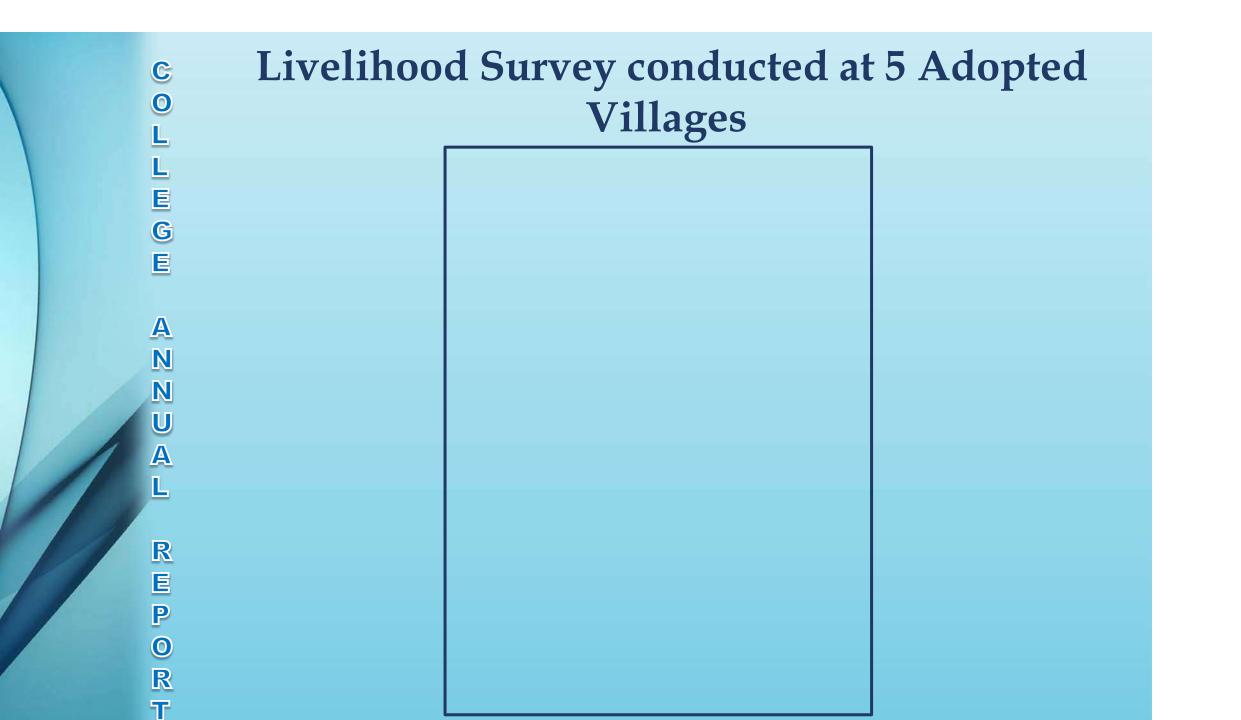
REPORT

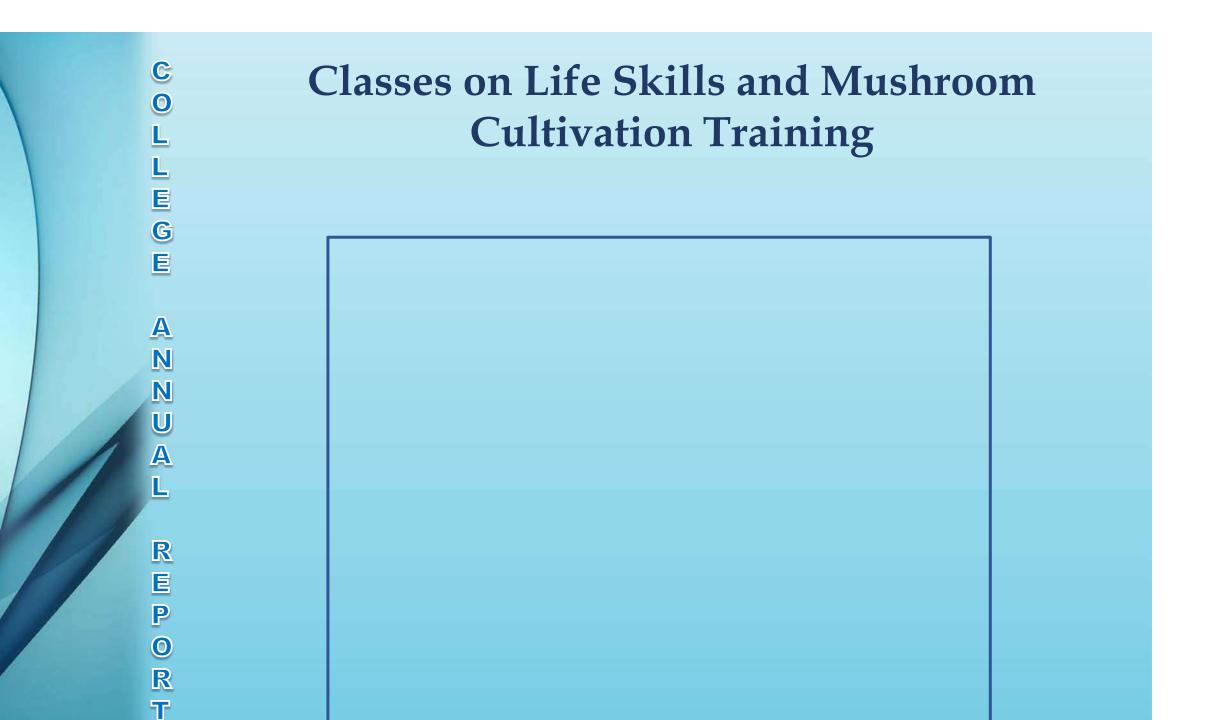
## **EBSB**

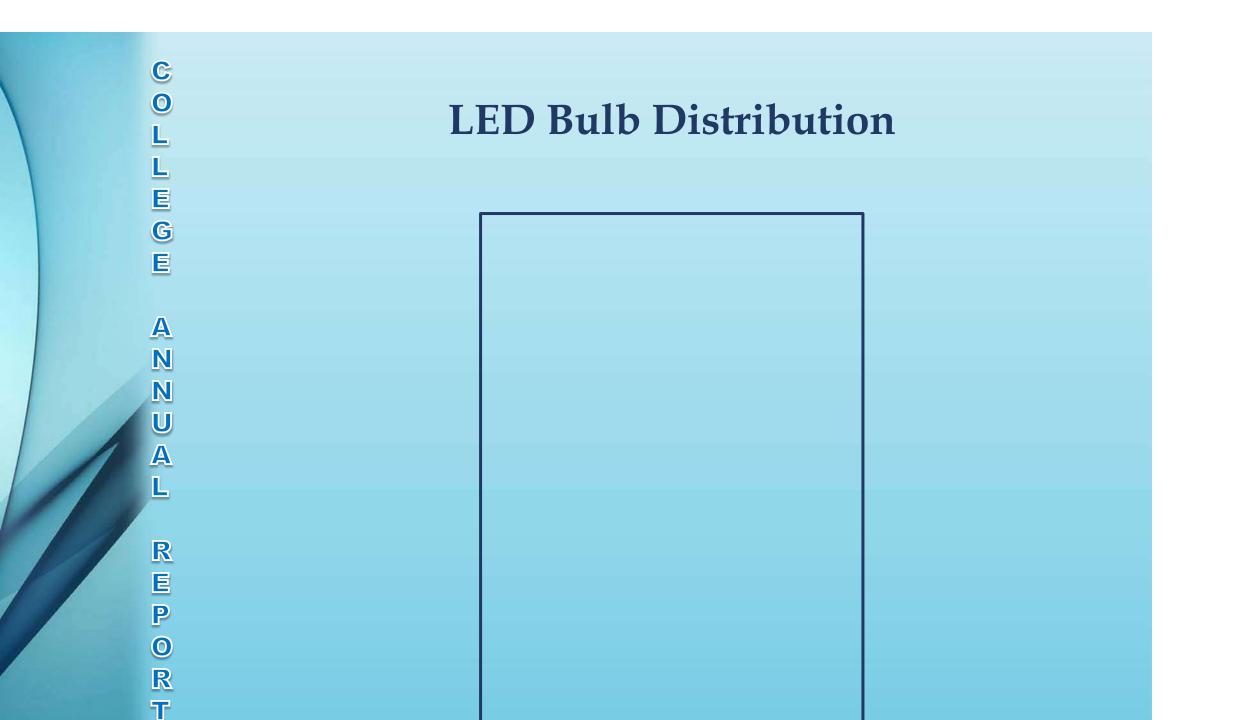
• Organised a Voice Drive for visually impaired students

- Celebrated Kerala Piravi on 1st
   November 2022
- Organised a quiz competition in association with Dept of Hindi

# A N N UBA R E P O R T



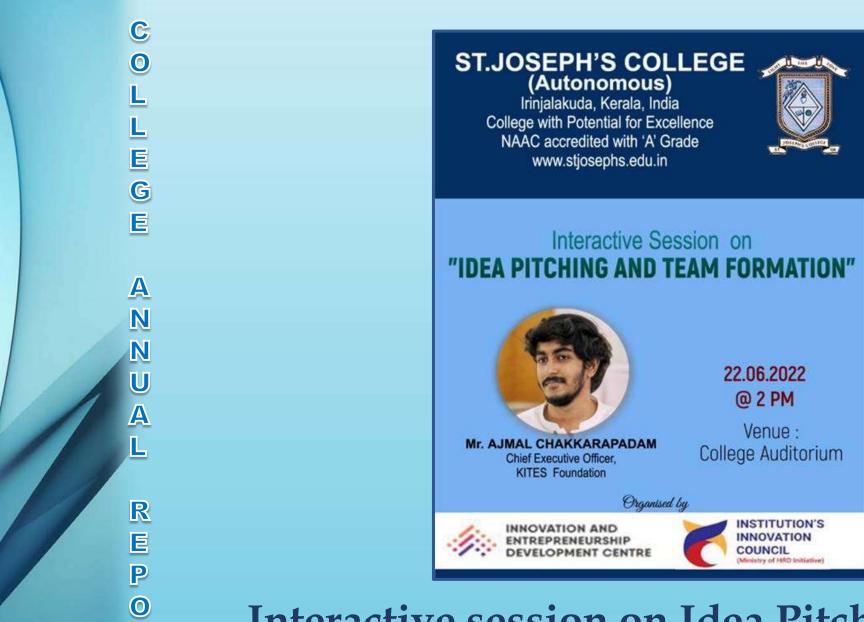




## IEDC



Super Fab Lab visit at Kerala Start up
Mission Kochi



R

Interactive session on Idea Pitching and Team Formation



Best Manager Contest Jointly organized by ED Club and IEDC SJC



# Two day Startup Boot camp named 'KICKSTART'

## E-Learning Cell

## **OBE Training For New Faculty**







### Media Literacy & Fact Checking

A N REPORT

## PTWA



#### **Orientation Class**

R E P O R T

## Value Education



**Holistic Development Talks** 



Value oriented and spiritual development sessions

# C A N N R E P O R T

# IQAC

The Annual Quality Assurance Report (AQAR) and Self Study Report (SSR) were submitted within the stipulated time.









#### Certificate of Recognition

This is to certify that

ST. JOSEPH'S COLLEGE

is recognised in the band "PERFORMER" under the category

"General (Non-Technical)"

in Atal Ranking of Institutions on Innovation Achievement(ARIIA) 2021, a flagship program of the Ministry of Education, Government of India. 29th December 2021.

SADORNIO

Dr. Anil D Sahasrabudhe Chairman, AICTE 14,5

Shri K Sanjay Murthy Secretary (HE), MoE Abhay Texe

Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell

# Band Performer in ARIIA

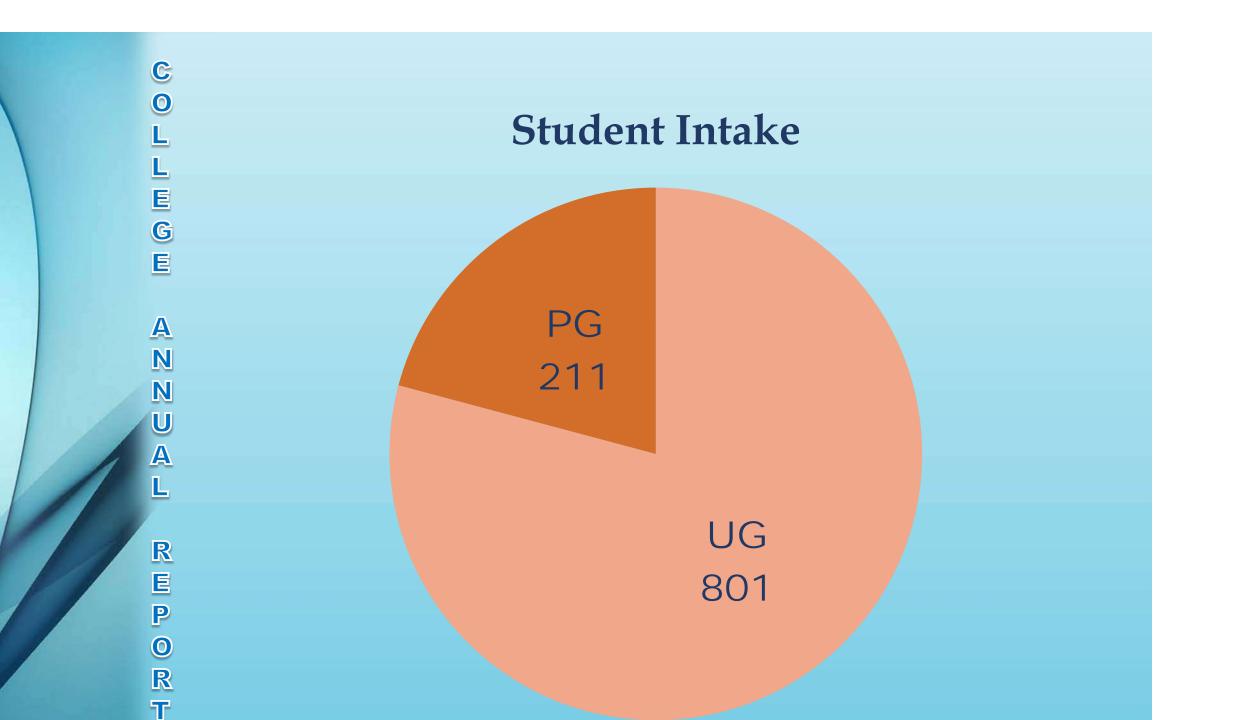
## Achieved 100-150 Band performer in NIRF

- Two days NAAC Peer Team visit was arranged and carried out
- The College has achieved the outstanding result of A++ grade with 3.66 points

## Admission

Admission to the UG and PG programmes for the year 2022-23 was done online using Linways Admission Management System.

In addition to sanctioned strength, marginal increase, as per university circular, has been incorporated to meet the increased demand for admission.



## Examination

 Four special examinations were conducted, and results were published

#### C **Results 2021-22** E A N N UG PG 88.65% 89.54% R E P O R T

### Election



## **CLUBS**

#### Nature Club

• It was constructed under the Miyawaki ecosystem model.

## Speak English Club



Reading Week



**Inauguration of Book Club** 



**Debate Session** 

#### Fine Arts Club

- Provided assistance for the Cultural programmes presented before the
- NAAC peer team. Students participated in various Arts Festivals organised by different neighbouring colleges.

REPORT

## Oratory and Quiz Club



**Youth Parliament** 



**Youth Parliament** 

## Biodiversity Club

• Digitalised the list of campus flora with their scientific names as well as images and displayed in the campus

#### Fine Arts Club



Fit 4 Life





Open Gym

Yoga



Patron Saint St. Joseph



St. Mariam Thresia

R E P

0 R T

# THANK YOU