



## EDITOR'S DESK



As we navigate the dynamic and ever-evolving landscape of higher education, it is marked by significant transformation and innovation. Institutions around the globe are adapting to new trends, technologies, and educational paradigms, shaping the future of learning and student engagement. In this editorial, we reflect on the key trends driving these changes and their implications for our college and its community.

Our college has embraced online learning platforms and advanced educational tools which are becoming integral components of the academic experience by investing in robust online infrastructures and offering a diverse range of digital courses, ensuring that our students remain competitive in a globalized world. There is a growing emphasis on experiential learning, internships, and partnerships with businesses to provide students with practical, real-world experience. We are also making concerted efforts to create environments that are welcoming and supportive for all students, regardless of their background.

As we look to the future, it is essential to remain agile and responsive to the changing needs of our students and society. The trends shaping higher education today are not mere trends; they represent fundamental shifts that will continue to influence how we teach, learn, and grow as an academic community. By embracing these changes, our college is not only preparing our students for the challenges of tomorrow but also contributing to a brighter, more inclusive, and sustainable future for all. This issue of JAC news presents the various activities held at our campus concerning the recent trends in the academic scenario. Happy reading!



### CHIEF EDITOR

Rev. Sr. Dr. S. Jesurani



### EDITORIAL TEAM

Dr. Angeline Sorna

Ms. E. Sahaya Merlin

Mrs. K. Rani

Dr. Sr. A. Arul Anita

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## CAMPUS HIGHLIGHTS

- ✎ The College received **IAB Blind Empowerment Champions 2023 – DIAMOND ZONE** by Indian Association for the Blind for the year 2023-2024 for Excellence and Commitment towards the empowerment of visually impaired.
- ✎ The College was awarded the **Certificate of Appreciation** for the Mass Awareness Rally and the Cultural Programme organized by Social Justice and Human Rights Unit of Theni District Police on 16<sup>th</sup> March, 2024.
- ✎ The **Academic Council Meeting** was held on 22<sup>nd</sup> April, 2024 to pass the resolutions made in the Board of Studies.

## ACTIVITIES OF THE COLLEGE UNION

- ✎ **53<sup>rd</sup> College Day** was celebrated on 1<sup>st</sup> March, 2024 along with the Holy Eucharistic Celebration by Rev. Fr. Lourdu Anandam, the Bishop of Sivagangai.



- ✎ Dr. P. Wilson, Principal and Secretary, Madras Christian College, Chennai, delivered the presidential address and distributed proficiency prizes to the students.
- ✎ Valedictory function of the College Union and its affiliated associations were held on 5<sup>th</sup> April, 2024. A. Sunandha Jasmine, Students Union Secretary and O. S. Akshaya Barani, Students Joint Secretary presented the activities report of the College Union and its affiliated associations. The Chief guest, Dr. Mrs. S. Athisaya Ponmani, Associate Professor of Mathematics, deliberated the valedictory address on human values.
- ✎ The ceremonial Candle Lighting Function was organized on 6<sup>th</sup> April, 2024 for the final year students (III UG, II PG). Rev. Fr. Peter Sahaya Raj, Parish Priest, Periyakulam, served as the Chief guest, Sr. Dr. S. Jesurani, Principal,

Dr. C. Sagaya Rani, Dean of Students, Dr. S. Sahaya Mary, Assistant Dean of Students, A. Sundha Jasmine, Students Union Secretary and O. S. Akshaya Barani, Joint Secretary lighted the Kuthuvilakku.



- ✎ The Chief guest, Rev. Fr. Peter Sahaya Raj, Parish Priest, Periyakulam, presented the candle lighting ceremony message on “You are the light of the world”. The pledge was administered by Sr. Dr. S. Jesurani, Principal, after the students union Secretary Selvi. A. Sundha Jasmine, handed over the torch to Selvi O.S. Akshaya Barani, Students Joint Secretary.



- ✎ Dr. Sr. S. Jesurani, Principal, Fr. Peter Sahaya Raj, Parish Priest, Periyakulam, distributed the mementos kuthuvillakku to all the outgoing students.



## Conferences / Workshops / Training Programmes organized

- ✎ PG and Research Center of Chemistry, organized an International Conference (Hybrid Mode) on **Advanced Functional Materials for Sustainable Development** on 4<sup>th</sup> & 5<sup>th</sup> March, 2024. Number of participants is 180.



Thamaraikulam, Tamil Nadu, India

## RESEARCH ACTIVITIES

### Research Publications in Journals

#### Scopus / Web of Science Indexed Journals

- ✎ Dr. Sr. S. Jesurani, Principal & Associate Professor of Physics and Dr. A. Jegatha Christy, Assistant Professor of Physics, published the paper titled **Monodispersed nanorod-shaped Mn-Co co-doped ZnO nanoparticles for enhanced photocatalytic and antibacterial activities** in the Journal of Inorganic Chemistry Communications, ISSN: 1879-0259, Vol. 163, 112284, March 2024.
- ✎ Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, published a paper titled **Unveiling the Bio prospecting Potential of Green Synthesized Silver Nano Particles using Loquat Leaf Extract for Antibacterial and Anticancer Activities** in the Indian Journal of Natural Sciences (WoS indexed), ISSN: 0976 – 0997, Vol. 14, Issue 82, pp. 68614 - 68619.
- ✎ Dr. M. Kalanithi, Associate Professor of Chemistry and Mrs. C. Kanagavalli, Assistant Professor of Chemistry, published a paper titled **Computational, Spectroscopic, Sensor and biological Studies of Cu (II) complex of fluoro Substituted Schiff base** in the Journal of Chemical Physics Impact, ISSN: 2667-0224, Vol. 8, (100582), March 2024.
- ✎ Sr. S. Sahaya Leenus, Assistant Professor of Chemistry, published a paper titled **Assessing titanium vs. aluminium electrodes for wastewater remediation in the small-scale industries (SSI) textile sector** in the Journal of Environmental Nanotechnology, Monitoring & Management, Vol. 21, April 2024.
- ✎ Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology and Dr. C. Sagaya Rani, Associate Professor of Zoology, published a paper titled **Ultrastructure and morphometric characteristics of Oecophylla smaragdina (Fabricius, 1775) (Hymenoptera: Formicidae)** in the “Journal of Biological Control” (Scopus indexed), ISSN: 2230 7281, Vol. 38(1), April

2024, pp. 73-81.

- ✎ Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, published a paper titled **Green synthesized zinc oxide nanoparticles from Tagetes Erecta aqueous root extract against Meloidogyne Incognita** in “Biochemical and Cellular Archives (WoS indexed), ISSN: 0972-5075, Vol. 24, No. 1, April 2024, pp. 149-155.
- ✎ Dr. M. Arulmozhi, Associate Professor of Physics, published the paper titled **Electronic Structure Using Powder XRD and Its Correlation with the Origin of Room Temperature Magnetism in Cr<sup>3+</sup> Doped SnO<sub>2</sub>** in the “Journal of Electronic Materials” ISSN: 1543-186X, 2024, pp. 1-14, I.F- 2.1.

#### Journals listed by the UGC

- ✎ Dr. U. Anamica, Assistant Professor of English, published a paper titled “A Study on a Select Works By Paulo Coelho: The Magnitude of Anxiety as a Prediction of Perfection” in th Journal of Humanities and Social Science Studies UGC Care Approved, Group I, ISSN: 2319-829X, IF=7.28, Vol. 13, Issue 01, No. 22, January - June: 2024.
- ✎ Dr. Sr. S. Jesurani, Principal, published a paper titled, **Preparation of M-type Hexagonal BaFe<sub>12</sub>O<sub>19</sub> using Disaccharides as Fuel by Sol-Gel Method**, in the Indian Journal of Natural Sciences, ISSN: 0976-0997, Vol. 14, Issue 77, IF 2.742, April 2023, pp.54264-54269.

#### Other Journals

- ✎ Mrs. S. Pooranalakshmi, Assistant Professor of Chemistry, published a paper titled **Phytochemical Analysis and Antimicrobial Activity of Green Synthesized ZnO-Nps using Hibiscus Calyphyllus (Flower) Extract** in JAC Journal of Science, Humanities and Management, ISSN 2347-9868, Vol.11, No. 1, pp. 14-23, December, 2023.
- ✎ Mrs. F. Sherin Rebecca, Assistant Professor of Zoology, published a paper titled **Assessment of Anticancer activity of Mollugo cerviana on Hepatocellular carcinoma by invitro and insilico analysis** in JAC Journal of Science, Humanities and Management, ISSN: 2347-9868, Vol. 11, No. 1, pp. 63-73.

### Book Published

- Dr. Sr. R. Shantha Mary Joshitta, Mrs. B. Jasmine and Mrs. K. Rani, Assistant Professors of Computer Science, published a book titled **Data Structure** in Charulatha Publications, Chennai, ISBN: 978-93-5577-831-4, February 2024.
- Dr. I. S. Alphonsal, Assistant Professor of Tamil, published a book titled **Kurazhum Kavithaium** in Britto Publishing House, Arul Anandar College (Autonomous), Karumathur, ISBN: 9789334024204, February 2024.
- Dr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology and Dr. C. Sagaya Rani, Associate Professor of Zoology, published a book titled **Spirulina Entrepreneurship**, ISBN: 978-93-90188-71-0 published by ESN Publications on May 2024.

### Publications in Proceedings

- The following staff members published papers in the proceedings of the International Conference (Hybrid Mode) on Advanced Functional Materials for Sustainable Development with ISBN: 978-93-93333-80-3 organized by the PG and Research Center of Chemistry, JAC, Periyakulam on 4<sup>th</sup> & 5<sup>th</sup> March, 2024:

Dr. A. Mary Imelda Jayaseeli, Associate Professor of Chemistry

1. BSA Interaction and Biological Studies of Ni (II)-Salen Complex
2. Trimetallic Ni<sub>2</sub>-Fe<sub>2</sub>@Ni Double Shell Hollow Nanorods as an Effective Electrocatalyst for Direct Urea Fuel Cell
3. BSA Binding and Antimicrobial Activity of Cu (II)-Salen Complex Derived from Salen Ligand

Dr. M. Kalanithi, Associate Professor of Chemistry

1. Synthesis, Characterization and Biological Studies of Chalcone Based Ligand and its Co (II), Ni (II) and Cu (II) Complexes
2. Synthesis, Characterization and Biological Assay of Schiff Base Ligand and their Metal (II) Complexes
3. Bimetallic Hollow Sphere Derived Hierarchical CuCo Nanoparticles on SiO<sub>2</sub> for Direct Glucose Fuel Cell
4. Synthesis, Characterization and Biological Activity of Schiff Base and its metal complexes Co (II), Ni (II) and Cu (II)

Dr. C. Mary Anbarasi, Associate Professor of Chemistry

1. Thermodynamic Parameters and Adsorption Studies of Plant Extracts as Mixed Corrosion Inhibition for Carbon Steel in HCl medium
2. Inhibition of Corrosion of Carbon Steel using Ethanolic Extract of Coccinia Grandis Plant
3. Surface modification of Carbon Steel in an Aqueous Medium using Urea and Halide ions
4. Physicochemical aspects of Inhibition of Corrosion of Carbon Steel in Aqueous Medium
5. Inhibition of Corrosion of Carbon Steel in Aqueous Medium Using Thiourea and Halide ions

Dr. M. Vimala Joice, Assistant Professor of Chemistry

1. Characterization and Antimicrobial Activity of Green Synthesized NiO Nanoparticles using Acalypha Indica Leaves Extract
2. Characterization and Antimicrobial activity of Green Synthesized CuO Nanoparticle using Acalypha Indica Leaves Extract
3. Characterization and Antimicrobial activity of Green Synthesized ZnO Nanoparticle using Acalypha Indica Leaves Extract

Sr. T. Johny Dathees, Assistant Professor of Chemistry

1. Green Synthesis of Copper Oxide Nanoparticle and their Antimicrobial activity Using Pisonia Alba and Zea Mays

Sr. S. Sahaya Leenus, Assistant Professor of Chemistry

1. Green Synthesis of Silver Nanoparticles Using Sesbania Grandiflora (Stem), Jasmine Grandiflora (Leaves) and their Antimicrobial Activity

Mrs. S. Pooranlakshmi, Assistant Professor of Chemistry

1. Green Synthesized and Characterization of Cu<sub>2</sub>O-Nps using Tridax Procumbens (Leaves) Extract

Ms. S. Maria Esther, Assistant Professor of Chemistry

1. Biosynthesis and Characterization of CuO Nanoparticle Using Fennel Extract
2. Antimicrobial Activity of Co (II) and Ni (II) Schiff Base Metal Complexes Derived from 2-Hydroxy 1-Naphthaldehyde and Ethylene diamine

Mrs. B. Vaishnavi, Assistant Professor of Chemistry

1. Vitex Trifolia Leaf Extract as a Green Corrosion Inhibitor for Carbon Steel in an Aqueous Medium

Dr. J. Jeevitha Rani, Assistant Professor of Chemistry

1. BSA Binding and Biological Evaluation of Co (II)-Salen Complex

Mrs. C. Kanagavalli, Assistant Professor of Chemistry

1. Synthesis, Characterization and Biological Activity of Schiff Base and its Metal Complexes-Co (II), Ni (II), Cu (II)

### Chapter Published

- ✎ Mrs. V. Anitha, Assistant Professor of Business Administration, published a chapter on the title **Marketing and Social Media: An Evolving Symbiosis** in the book Digital Practices in Business World, Elakkiya Publisher, Tamilur, Tenkasi, ISBN: 978-93-92649-83-7, March 2024.

- ✎ Mrs. V. Nithya, Assistant Professor of B.Com. CA published a Chapter on the topic **Exploring Ethical Issues in Marketing** in the Book "Digital Practice in Business" ISBN: 978-93-92649-83-7 published by Vellaichamy Hindu Nadar Senthilkumara Nadar College (Autonomous), Virudhunagar, Ilakkiyam Publication on 4<sup>th</sup> March, 2024.

- ✎ Dr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology and Dr. S. Catherine P. Alexander, Associate Professor of Zoology, contributed a Chapter on **The Advancement of Crispr Technology in Life Sciences in the Areas of Precision Medicine and Agriculture** in the book titled "Advancement in Life Science: Exploring Recent Trends" ISBN: 978-81-970537-4-0 published by Euphoria Publishers on May 2024.

- ✎ Dr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology and Dr. C. Sagaya Rani, Associate Professor of Zoology, contributed a Chapter on **Nanomedicine Revolution: Enhancing Health Care with Nanotechnology in Wound Healing** in the book titled "Advancement in Life Science: Exploring Recent Trend" ISBN: 978-81-970537-4-0 published by Euphoria Publishers on May 2024.

- ✎ Dr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, contributed a Chapter on **Approachable Ways**

**to Modern Trends in Interdisciplinary Research** in the book titled "Modern Trends in Multi-Disciplinary Research (Vol-1)" ISBN: 978-93-6048-157-5 published by String Production on May 2024.

- ✎ Dr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, Dr. M. R. Delphine Rose and Dr. V. Jemima Florence Borgia, Associate Professor of Zoology, contributed a Chapter on **Adapting Life: Exploring the Impact of Climate Change on Terrestrial and Aquatic Biodiversity** in the book titled "Dynamic Trends in Multi-Domain Integration" ISBN: 978-93-6048-526-9 published by String Production on May 2024.

- ✎ Dr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology and Dr. A. Irudaya Lourdu Gladis, Assistant Professor of Botany, contributed a Chapter on **The Impact of Climate Change on Plant Biodiversity** in the book titled "Dynamic Trends in Multi-Domain Integration" ISBN: 978-93-6048-526-9 published by String Production on May 2024.

### Paper Presented

- ✎ The following staff members presented papers in the International Conference (Hybrid Mode) on **Advanced Functional Materials for Sustainable Development** organized by the PG and Research Center of Chemistry, JAC, Periyakulam on 4<sup>th</sup> & 5<sup>th</sup> March, 2024:

- Dr. A. Mary Imelda Jayaseeli, Associate Professor of Chemistry - **BSA Interaction and Biological Studies of Ni (II)-Salen Complex**
- Dr. M. Kalanithi, Associate Professor of Chemistry - **Synthesis, Characterization and Biological Studies of Chalcone Based Ligand and its Co (II), Ni (II) and Cu (II) Complexes**
- Dr. C. Mary Anbarasi, Associate Professor of Chemistry - **Thermodynamic Parameters and Adsorption Studies of Plant Extracts as Mixed Corrosion Inhibition for Carbon Steel in HCl medium**
- Dr. M. Vimala Joice, Assistant Professor of Chemistry - **Characterization and Antimicrobial Activity of Green Synthesized NiO Nanoparticles Using Acalypha Indica Leaves Extract**
- Sr. T. Johny Dathees, Assistant Professor of Chemistry - **Green Synthesis of Copper Oxide Nanoparticle and**

### **their Antimicrobial activity Using PISOIA ALBA and Zea Mays**

- Sr. S. Sahaya Leenus, Assistant Professor of Chemistry - **Green Synthesis of Silver Nanoparticles Using Sesbania Grandiflora (Stem), Jasmine Grandiflora (Leaves) and their Antimicrobial Activity**
- Mrs. S. Pooranalakshmi, Assistant Professor of Chemistry - **Green Synthesized and Characterization of Cu<sub>2</sub>O-Nps using Tridax Procumbens (Leaves) Extract**
- Ms. S. Maria Esther, Assistant Professor of Chemistry - **Biosynthesis and Characterization of CuO Nanoparticle Using Fennel Extract**
- Mrs. B. Vaishnavi, Assistant Professor of Chemistry - **Vitex Trifolia Leaf Extract as a Green Corrosion Inhibitor for Carbon Steel in an Aqueous Medium**
- Dr. J. Jeevitha Rani, Assistant Professor of Chemistry - **BSA Binding and Biological Evaluation of Co (II)-Salen Complex**
- Mrs. C. Kanagavalli, Assistant Professor of Chemistry - **Synthesis, Characterization and Biological Activity of Schiff Base and its Metal Complexes-Co (II), Ni (II), Cu (II)**
- ✎ Dr. Angeline Sorna, IQAC Co-ordinator and Assistant Professor of English, presented the paper **Towards Contextualised Assessment and Accreditation: Addressing Heterogeneity in Indian Higher Education Institutions** in the National Conference - cum - Workshop on Reforms in Evaluation Systems and Practices in Higher Education Institutions” organised by IQAC, ANJA College, Sivakasi on 7<sup>th</sup> & 8<sup>th</sup> March, 2024.
- ✎ Dr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, presented a paper titled **Photorhabdus mediated synthesis of Silver nanoparticles against Meloidogyne incognita** at the International Conference on Innovative Research and Development (ICIRD -2024) held from 28<sup>th</sup> to 30<sup>th</sup> May, 2024 organized by Shinawatra University, Thailand.

### **Participation**

- ✎ Dr. S. Rejina, Assistant Professor of Tamil, participated in the Five Days National Level Online FDP organized by the Department of Tamil & English in collaboration with

IQAC, Jaya College of Arts and Science, Thiruninravur on 29<sup>th</sup> February to 4<sup>th</sup> March, 2024.

- ✎ Mrs. S. Pooranalakshmi and Ms. S. Maria Esther Assistant Professors of Chemistry, participated in one day State Level Online Workshop on “Career Guidance and Tips to Crack NET, GATE, SET and TRB Exams for Chemistry Graduates” organized by the Department of Chemistry in association with IIPC, Kongu Engineering College, Perundurai, Erode and the PG Department of Chemistry, Vellalar College for Women, Erode on 2<sup>nd</sup> March, 2024.
- ✎ Dr. D. Selvi, Dr. K. Jency Priya and Dr. B. Amala Jasmine, Assistant Professors of Mathematics, participated in the International Online Workshop on “Start Research with Smart Artificial Intelligence (AI) Technology” organized by Global Institute of Statistical Solutions (GISS) from 2<sup>nd</sup> to 4<sup>th</sup> March, 2024.
- ✎ Ms. S. Mariasteffi, Assistant Professor of Physics, participated in the “Virtual Quiz on International Women's Day 2024” organized by “Udaan Youth Club Tyodhi” held from 3<sup>rd</sup> to 10<sup>th</sup> March, 2024.
- ✎ Mrs. F. Sherin Rebecca, Assistant Professor of Zoology, has participated in the four days online session on “Best Practices and Institutional Distinctiveness” organized by AIACHE and St. Joseph's College, Trichy from 4<sup>th</sup> to 7<sup>th</sup> March, 2024.
- ✎ Dr. Sr. S. Jesurani, Principal, has attended the All Aided College Principals Meeting convened by the Director of Collegiate Education in the Conference Hall of Directorate of Collegiate Education on 6<sup>th</sup> March, 2024.
- ✎ Dr. P. K. Santhi, Associate Professor of Mathematics, participated in an online Quiz on “IMPULSE” General Awareness Quiz organized on International Women’s Day 2024 and secured 100% conducted by the PG and Research Department of Library and Information Science, Nirmala College for Women (Autonomous), Coimbatore in collaboration with Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 8<sup>th</sup> March, 2024.
- ✎ Dr. Sr. A. Scarlet and Dr. M. Aakina Barveen, Assistant Professors of Commerce, participated in the Seven days National level online Faculty Development Program “Finovate 360: Navigating the Future of Fintech” organized by the PG Department of Commerce, St.

Joseph's College, Trichy from 14<sup>th</sup> to 20<sup>th</sup> March, 2024.

- ✎ Sr. A. Sahaya Berlin Sujana, Assistant Professor of Business Administration, participated in the Online "IP Awareness training program" under National Intellectual Property Awareness Mission, Intellectual Property Office, India on 15<sup>th</sup> March, 2024.
- ✎ Ms. E. Sahaya Merlin, Assistant Professor of English, Dr. A. D. Padmasree, Dr. L. R. Charlet Sharmili, Assistant Professors of History, Ms. S. Mariasteffi, Assistant Professor of Physics, Ms. J. Jansi Prema, Assistant Professor of Computer Science, participated in the mass rally "Let us Unite and Strive for Equality" organized by "Social Justice and Human Rights Unit of Theni District Police" held on 16<sup>th</sup> March, 2024.
- ✎ Dr. A. D. Padmasree, Assistant Professor of History, participated in a three day State Level Workshop on "Employability Soft Skill for Youth" at BIT Campus, Anna University, Trichirappalli from 18<sup>th</sup> to 20<sup>th</sup> March, 2024.
- ✎ Dr. P. K. Santhi, Associate Professor of Mathematics, participated in an One week Online Faculty Development Programme on "Outcome Based Education and Application of Generative AI in Teaching and Research" organised by the DST- CURIE AI Center of Sri Padmavati Mahila Visvavidyalayam (SPMVV University), Tirupati in association with ipsr solutions limited from 18<sup>th</sup> to 23<sup>rd</sup> March, 2024.
- ✎ Dr. Sr. S. Jesurani, Principal, attended the Consultative meeting with Universities and Colleges through video conferencing organized by NAAC Reforms on 19<sup>th</sup> March, 2024.
- ✎ Mrs. D. Abinaya, Assistant Professor of Mathematics, participated in the workshop on "Public Financial Management Systems (PFMS)" conducted by NSS, Mother Teresa Women's University, Kodaikanal on 22<sup>nd</sup> March, 2024.
- ✎ Dr. D. Selvi, Assistant Professor of Mathematics, participated in an International Online Workshop on "Basic Statistical Analysis and its Interpretation using SPSS" organized by Institute for Statistics and Analytical Research from 23<sup>rd</sup> to 25<sup>th</sup> March, 2024.
- ✎ Mrs. B. Mary Suba, Assistant Professor of English, participated in 16 poetry competitions and received

appreciation certificates between March to April, 2024.

- ✎ Dr. U. Anamica, Assistant Professor of English, participated in 2 poetry competitions and received appreciation certificates on March, 2024.
- ✎ Mrs. S. Pooranalakshmi, Ms. S. Maria Esther and Mrs. B. Vaishnavi, Assistant Professors of Chemistry, participated in an online training programme on "AI - Tools for Teaching and Learning" organized by Internal Quality Assurance Cell (IQAC), St. Xavier's College (Autonomous), Palayamkottai & Xavier Board of Higher Education, Tamil Nadu on 6<sup>th</sup> April, 2024.
- ✎ Mrs. J. Jasmine Selvapackiam, Assistant Professor of Business Administration, participated in the National Level Webinar on "Entrepreneur as Career" at Parks College (Autonomous) & Edupass Academy, Coimbatore on 12<sup>th</sup> April, 2024.
- ✎ Dr. K. Jency Priya, Assistant Professor of Mathematics, participated in a one day National online Workshop on "Writing Proposal for Funded Project" organized by Global Institute of Statistical Solutions (GISS) on 14<sup>th</sup> April, 2024.
- ✎ Mrs. J. Anitha, Assistant Professor of English, participated in the One Day National online workshop on "Writing Proposal for Funded Project" organized by Global Institute of Statistical Solutions (GISS) on 14<sup>th</sup> April, 2024.
- ✎ Sr. A. Sahaya Berlin Sujana, Assistant Professor of Business Administration, participated in the National Webinar on "Financial Wisdom and Career Opportunities in Securities Market" organized in joint collaboration of School of Management, Ajeenkya D Y Patil University, Pune, Maharashtra and Association of Mutual Funds in India (AMFI) on 17<sup>th</sup> April, 2024.
- ✎ Mrs. B. Mary Suba, Assistant Professor of English attended an International webinar on "Celebrating Shakespeare" at Chikkaiya Naickyar College, Erode on 22<sup>nd</sup> & 23<sup>rd</sup> April, 2024.
- ✎ Sr. A. Sahaya Berlin Sujana, Assistant Professor of Business Administration, participated in the FDP on "Ethics Model of Excellence Framework (EMEF)" organized by Rani Anna Government College for Women, Tirunelveli & Globethics, South Asioia Centre, Bangalore from 23<sup>rd</sup> to 30<sup>th</sup> April, 2024.



<p>Dr. Sr. A. Scarlet, Assistant Professor of Commerce, participated in an one week Online National level Faculty Development Program on “Bridging Gaps: Mastering The Art and Science of Classroom Communication” organized by Career Development Cell (CDC), Gokul Global University, Siddhpur, Gujarat from 29<sup>th</sup> April to 5<sup>th</sup> May, 2024.</p> <p>Mrs. A. Anusuya Banu, Assistant Professor of Computer Application, participated in an Online Workshop titled "Navigating Academic Conferences, Journal Publications, and Digital Object Identifiers (DOIs): A Comprehensive Workshop" organized by RSP Science Hub in Coimbatore, Tamil Nadu, India, on 3<sup>rd</sup> May, 2024.</p> <p>Dr. P. K. Santhi, Associate Professor of Mathematics, participated in the six days National level Faculty Development Programme on “AI in Learning, Teaching, Assessment and Research Practices” organized by the Department of Mathematics, Bon Secours College for Women, Thanjavur from 6<sup>th</sup> to 11<sup>th</sup> May, 2024.</p> <p>Dr. L. Merlin Dayana, Assistant Professor of Zoology, participated in the webinar on “Biomaterial Applications on Nanomaterials” organized by Noorul Islam Centre for Higher Education, Kanyakumari on 10<sup>th</sup> May, 2024.</p> <p>Dr. Sr. A. Irudaya Lourdu Gladis, Assistant Professor of Botany and Dr. Sr. A. Scarlet, Assistant Professor of Commerce, attended a one-week online Faculty Development Programme on “Discovering Ikigai in Academic Leadership” organized by Gokul Global University, Gujarat in collaboration with Nucleus of Learning and Development from 13<sup>th</sup> to 19<sup>th</sup> May, 2024.</p> <p>Ms. F. Sherin Rebecca, Assistant Professor of Zoology, attended the ten-day online Faculty Development Programme on “The Art of Research and Publishing in Indexed Journals” organized by Madras Christian College, Chennai from 13<sup>th</sup> to 22<sup>nd</sup> May, 2024.</p> <p>Dr. M. Arulmozhi, Associate Professor of Physics, visited “Atomium” placed at Belgium from 14<sup>th</sup> to 29<sup>th</sup> May, 2024.</p> <p>Dr. Sr. A. Irudaya Lourdu Gladis, Assistant Professor of Botany, attended the one-week Faculty Development Programme on “Research Methodology and Intellectual Property Rights” organized by St. Joseph University, Nagaland from 15<sup>th</sup> to 20<sup>th</sup> May, 2024.</p> <p>Sr. A. Sahaya Berlin Sujana, Assistant Professor of</p>	<p>Business Administration, participated in the National level webinar on “Creating Safe Spaces: Strategies for preventing and Addressing Sexual Harassment” organized by the Department of Commerce, HKBK Degree College in association with Anti Sexual Harassment Committee on 15<sup>th</sup> May, 2024.</p> <p>Dr. Sr. A. Scarlet, Mrs. S. Paul Rani, Dr. M. Aakina Barveen, Mrs. R. Grace Ranjitham, Dr. M. Chitra Devi, Mrs. R. Vijayalakshmi, Ms. R. Sivasakthi and N. Jeyabharathi, Assistant Professors of Commerce, participated in a Five Day Faculty Development Programme on “Research Methodology &amp; Intellectual Property Rights (IPR)” organised by the Department of Zoology, St. Joseph’s University, Nagaland held from 15<sup>th</sup> to 18<sup>th</sup> &amp; 20<sup>th</sup> May, 2024.</p> <p>Ms. R. Sivasakthi, Assistant Professor of Commerce, participated and in a five day Online Faculty Programme on “Outcome Based Education” organized by Mangalmay Institute of Management and Technology, Greater Noida, Uttar Pradesh from 20<sup>th</sup> to 25<sup>th</sup> May, 2024.</p> <p>Sr. A. Sahaya Berlin Sujana, Assistant Professor of Business Administration, participated in the National level Workshop on “Experiential Learning : Gaming Tools for Teaching Learning Process” organized by HKBK Degree College on 22<sup>nd</sup> May, 2024.</p> <p>Dr. J. Josephine, Assistant Professor of English, attended IPR Workshop on “Intellectual Property Rights and IP Management for Start-up” organized by Holy Cross College (Autonomous), Nagercoil &amp; AAC, Karumathur on 23<sup>rd</sup> May, 2024.</p> <p>Sr. A. Sahaya Berlin Sujana, Assistant Professor of Business Administration, participated in the National Level Webinar on “Gateway to Financial Freedom for Women” organized by the Department of Commerce, HKBK Degree College on 27<sup>th</sup> May, 2024.</p> <p>Dr. P. Malarvizhi, Assistant Professor of Business Administration, participated in the Webinar on “NEP 2020 &amp; National Curriculam Framework (NCF) – Master class” at Himalay Unnati Mission on 27<sup>th</sup> May, 2024.</p> <p>Dr. M. Chitra Devi and Ms. N. Jeyabharathi, Assistant Professors of Commerce, attended a Faculty Development Program on Accelerate Research Passed</p>
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in Assessments at Anurag University during 27<sup>th</sup> to 31<sup>st</sup> May, 2024.

- ✎ Dr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, participated in the International Conference on Innovative Research and Development (ICIRD -2024) held between 28<sup>th</sup> and 30<sup>th</sup> May, 2024 organized by Shinawatra University, Thailand and ESN Publications, India.
- ✎ Dr. J. Josephine, Assistant Professor of English, attended online National Level Faculty Development Programme organized by Malla Reddy College of Engineering- Secunderabad on 29<sup>th</sup> May, 2024.

### **Award / Recognition**

- ✎ Dr. Sr. S. Jesurani, Principal, received **Achievement Award 2024** from Nagarnala Sangam, Periyakulam on 17<sup>th</sup> March, 2024.
- ✎ Dr. J. Emagulate Rani, Assistant Professor of English, was awarded, A Unique Guinness Record attempt for contributing poems and research articles in Thickest Book in the World awarded by London Organization of Skills and Development on 26<sup>th</sup> August, 2023.
- ✎ Mrs. B. Mary Suba, Assistant Professor of English, received the following awards:
  - **Best Social Activist Award** from ThaiMozhi Uravugal on 8<sup>th</sup> March, 2024.
  - **Thanka Siragu Tharagai Award** from Sinthanai Siragugal Nagai Sangamam on 8<sup>th</sup> March, 2024.
  - **Parappuraiyalar Award** from Thai Mozhi Uravugal on 15<sup>th</sup> April, 2024.
  - **Thesappattalar Award** from Thai Mozhi Uravugal on 19<sup>th</sup> April, 2024.
  - **Veeravinai Award** from Thai Mozhi Uravugal on 19<sup>th</sup> April, 2024.
  - **Jananayaka thun Award** from Thai Mozhi Uravugal on 22<sup>nd</sup> April, 2024.
  - **Aalumai Pen Kavignar Award** from Bharathi Pavanar Chentamil Vanam & Tamil Literary Academy, on 5<sup>th</sup> May, 2024.
  - **Arivu Kodaiyalar Award** from Bharathi Pavanar Chentamil Vanam & Tamil Literary Academy, on 5<sup>th</sup> May, 2024.

- **Kavi Murasu Award** from Bharathi Pavanar Chentamil Vanam & Tamil Literary Academy on 5<sup>th</sup> May, 2024.
- **Sorsudar Award** from Bharathi Pavanar Chentamil Vanam & Tamil Literary Academy on 5<sup>th</sup> May, 2024.
- ✎ Dr. K. Sakaya Gracy, Assistant Professor of Tamil, received **Aruntamil Tharagai Award** from Aruntamil Sangam, Arakonam on 8<sup>th</sup> March, 2024.
- ✎ Dr. G. Francis Catherine, Associate Professor of Tamil, received **Manpumigu Makalir Award** from Vagai Tamil Sangam, Naamakal on 10<sup>th</sup> March, 2024.
- ✎ Dr. P. Floras Mary, Associate Professor of History, received **Excellent Award** from Global IAS Academy, Madurai in March, 2024.
- ✎ Dr. A. D. Padmasree, Assistant Professor of History, received **Namma Uru Nachathiram Award** from A. P. J. Abdul Kalam Foundation, Kovai on 17<sup>th</sup> March, 2024.
- ✎ Mrs. B. Mary Suba, Assistant Professor of English, participated in 46 poetry competitions and received appreciation certificates between March to May, 2024.
- ✎ Dr. U. Anamica, Assistant Professor of English, participated in 2 poetry competitions and received appreciation certificates in March, 2024.
- ✎ Dr. G. Francis Catherine, Associate Professor & Dr. K. Sakaya Gracy, Assistant Professor of Tamil, Dr. A. D. Padmasree, Assistant Professor of History and Ms. J. Jansi Prema, Assistant Professor of Computer Science, received **Karpaga Semmal Viruthu** organized by Pasumaivasal Foundation Dindigul on 19<sup>th</sup> April, 2024.
- ✎ Dr. S. Rejina, Assistant Professor of Tamil, received **Muththamil Nachathra Award** from Pasumaivasal Foundation, Dindigul on 19<sup>th</sup> April, 2024.
- ✎ Ms. V. Vanitha, Assistant Professor of Computer Science, received **Sevai Natchatira Semmal Award** organized by Pasumaivasal Foundation on 19<sup>th</sup> April, 2024.
- ✎ Dr. Sr. I. Alphonsal, Assistant Professor of Tamil, received
  - **Thellarvi Nuval Kavi Award** from Kalai Saral International Tamil Sangam on 18<sup>th</sup> to 30<sup>th</sup> January, 2024.
  - **Amuthakanam Award** from Pasumaivasal Foundation, Dindigul on 12<sup>th</sup> February, 2024.
  - **Than Thiran Unarvu Kavi Award** from Kalai Saral

International Tamil Sangam on 22<sup>nd</sup> to 29<sup>th</sup> February, 2024.

- **Than Siragu Tharagai Award** from Sinthanai Sirakukul Nagai Tamil Sangam on 8<sup>th</sup> March, 2024.

Dr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, was awarded a certificate in recognition of exceptional dedication to fostering and promoting academic excellence at the International Conference on Innovative Research and Development (ICIRD -2024) held from 28<sup>th</sup> to 30<sup>th</sup> May, 2024 organized by Shinawatra University, Thailand.

## RESOURCE SHARING

### Resource Person (Campus)

Mrs. J. Jasmine Selvapackiam, Assistant Professor of Business Administration, gave a talk on “Intellectual Property Rights” organized by IIC on 2<sup>nd</sup> April, 2024. 55 students participated and benefitted.

Dr. Sr. A. Arul Anitha and Mrs. A. Anusuya Banu, Assistant Professors of BCA, served as resource persons for the St. Anne’s Day Star differently-abled children organized by NSS on 3<sup>rd</sup> April, 2024 and delivered lectures on (i) the importance of election and voting and (ii) the procedure for voting using video clipping and animation.

Dr. S. Athisaya Ponmani, Associate Professor of Mathematics, delivered the valedictory speech to the students and distributed certificates in the Union Valedictory Celebration on 5<sup>th</sup> April, 2024.

### Resource Person (Off Campus)

Mrs. B. Mary Suba, Assistant Professor of English, served as a resource person in an International Virtual Debate on the topic, “Intraiya Sulalil Manavargalin Nalanil Athiga Akkarai Eduthuklbavargal Pettore” at Vadaloore Tamil Sangam @ Vallalar Muthamil Peravai, Tamil America TV on 21<sup>st</sup> March, 2024.

Mrs. B. Mary Suba, Assistant Professor of English, served as a keynote speaker at National Conclave on Intellectual Property Rights and Innovation conducted by Wegro Private Ltd, Pune on 26<sup>th</sup> & 27<sup>th</sup> April, 2024.

Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, chaired a session in an International Conference on Innovative Research and Development (ICIRD

-2024) held from 28<sup>th</sup> to 30<sup>th</sup> May, 2024 organized by Shinawatra University, Thailand.

Dr. J. Preethi, Assistant of English, served as a resource person and delivered a lecture on Machine Translation in the Skill Development Course on Natural Language Processing (NLP) organized by the Department of Linguistics, Madurai Kamaraj University, Madurai from 13<sup>th</sup> to 17<sup>th</sup> and 20<sup>th</sup> to 24<sup>th</sup> May, 2024.

### Guest Lecture

PG and Research Center of Chemistry, organized a guest lecture on 1<sup>st</sup> March, 2024. Dr. P. Wilson, Principal and Secretary, Madras Christian College, Chennai, enlightened the UG and PG Chemistry students on the topic "Tips for the Chemists to become Achievers". 135 students participated and benefitted.

In connection with Employees Appreciation Day, the Department of Business Administration organized a Guest Lecture on 3<sup>rd</sup> March, 2024 through online. Dr. Mrs. M. Muthuselvi, Assistant Professor of Commerce, Mangayarkarasi College of Arts and Science, Madurai addressed the gathering. 58 students participated in the program.

Diploma in Desk Top Publishing conducted a guest lecture on the topic “New Trends in Digital Marketing” on 15<sup>th</sup> March, 2024. Mr. N. Sundarraj and Mrs. Kaminin Sundarraj, Proprietors, CSC Computer Education, Periyakulam shared their knowledge. 25 students participated.

### Memorandum of Understanding

MoU was signed with **4A IP Solutions, Uttar Pradesh** in March, 2024.

MoU was signed with **Gabriel Taborin College of Davao Foundation, Inc., Philippines** in March, 2024.

MoU was signed with **Shinawatra University, Thailand** in May, 2024.

### Orientation / Refresher Course

Dr. I. Geetha, Assistant Professor of Zoology, attended the UGC sponsored fifteenth Online Faculty Induction Programme from 20<sup>th</sup> February to 20<sup>th</sup> March, 2024 organised by UGC - HRDC, Bharathidasan University, Trichy.

Sr. T. Johny Dathees and Sr. S. Sahaya Leenus, Assistant

Professors of Chemistry, attended an online two-week Refresher Course in Chemistry at the Teaching Learning Centre, Ramanujan College, University of Delhi, from 28<sup>th</sup> April to 11<sup>th</sup> May, 2024.

### **BoS / Subject Experts**

- ✎ Dr. R. Mary Mathelane, Associate Professor of Physics, served as the member of Board of Studies in Physics held at St. Mary's College (A), Thoothukudi on 9<sup>th</sup> March, 2024.
- ✎ Dr. Sr. A. Scarlet, Assistant Professor of Commerce, served as the Subject Expert in the Board of Studies Meeting on St. Mary's College, Thoothukudi on 9<sup>th</sup> March, 2024.
- ✎ Dr. Angeline Sorna, Assistant Professor of English, served as the Subject Expert in the BoS conducted by Sourashtra College, Madurai on 9<sup>th</sup> March, 2024.
- ✎ Dr. M. Kalanithi, Associate Professor of Chemistry, served as the Subject Expert for the BoS meeting at Department of Chemistry, Sourashtra College (Autonomous), Madurai on 9<sup>th</sup> March, 2024.
- ✎ Dr. A. Mary Imelda Jayaseeli, Associate Professor of Chemistry, served as the Subject Expert for the BoS meeting held at the Department of Chemistry, Fatima College, Madurai on 12<sup>th</sup> March, 2024.
- ✎ Dr. J. Arul Irudaya Jeyanthi, Assistant Professor of Tamil, served as an Alumna Representative in the Board of Studies at Fatima College (Autonomous), Madurai on 13<sup>th</sup> March, 2024.
- ✎ Dr. M. Arulmozhi, Associate Professor of Physics, served as the member of Board of Studies in Physics held at Fatima College (Autonomous), Madurai on 13<sup>th</sup> March, 2024.
- ✎ Dr. A. Jesintha Vilveena, Associate Professor of History, served as the subject expert (B.A. & M.A.) for the BoS meeting held at Fatima College, Madurai on 15<sup>th</sup> March, 2024.
- ✎ Dr. M. Arulmozhi, Associate Professor of Physics, served as the member of Board of Studies in Physics held at Mannar Thirumalai Naicker College (Autonomous), Madurai on 17<sup>th</sup> April, 2024.
- ✎ Dr. A. Jacqueline Regina Mary, Associate Professor of Physics, served as the member of Board of Studies in Physics held at Mannar Thirumalai Naicker College

(Autonomous), Madurai on 17<sup>th</sup> April, 2024.

- ✎ Dr. M. Arulmozhi, Associate Professor of Physics, served as the member of Board of Studies in Physics held at Yadava College, Madurai on 9<sup>th</sup> May, 2024.

### **Examiners**

- ✎ Dr. Lt. L. Merlin Dayana, Assistant Professor of Zoology, served as an External Examiner for the conduct of PG Practical Exam in the Department of Zoology, Hajee Karutha Rowther Howdia College, Uthamapalayam on 25<sup>th</sup> & 26<sup>th</sup> March, 2024.
- ✎ Dr. S. Catherine P. Alexander, Associate Professor of Zoology, served as an External Examiner for the conduct of PG Viva Voce Exam in the Department of Zoology, Hajee Karutha Rowther Howdia College, Uthamapalayam on 27<sup>th</sup> March, 2024.
- ✎ Dr. M. Kalanithi, Associate Professor of Chemistry, served as an external examiner for the practical examinations at the Department of Chemistry, Hajee Karutha Rowther Howdia College, Uthamapalayam on 27<sup>th</sup> & 28<sup>th</sup> March, 2024.
- ✎ Mrs. B. Jasmine, Assistant Professor of Computer Science, served as an External Examiner at G.T.N. Arts College (Autonomous), Dindigul on 2<sup>nd</sup> April, 2024.
- ✎ Dr. A. Jacqueline Regina Mary, Associate Professor of Physics, served as the External member for the Doctoral Committee for the Research Scholar at The Gandhigram Rural Institute- Deemed to be University, Gandhigram in May, 2024.

### **Reviewer**

- ✎ Dr. M. Kalanithi, Associate Professor of Chemistry, reviewed research papers in an International Conference on Innovative Research and Development (ICIRD-2024), Metharath University, Thailand from 26<sup>th</sup> to 28<sup>th</sup> February, 2024.
- ✎ Mrs. K. Rani, Assistant Professor of Computer Science, appointed as a Journal Reviewer in an "International Conference on Science Technology Engineering and Management ICSTEM24" on 25<sup>th</sup> March, 2024.
- ✎ Dr. A. Mary Imelda Jayaseeli, Associate Professor of Chemistry, reviewed a paper titled "Synthesis, Spectral Investigation, Biological Efficacy and Computational Assessment of Hydroxamic acid chelator and its Zn(II) metal complex with Potent Anticancer Activity",

European Journal of Chemistry on 26<sup>th</sup> April, 2024.

- Dr. Sr. A. Arul Anitha, Assistant Professor of Computer Application, reviewed an article titled, “A Lightweight Malicious Traffic Identification Method Based on a Simplified Hybrid Vision Transformer Model Computers & Security” COSE-D-24-01009 Journal (Scopus) on 4<sup>th</sup> May, 2024.

### Short Term Course

- Dr. J. Emagulate Rani, Assistant Professor of English, attended an Online Short Term Course on Gender Studies at Kannur University, Kerala from 15<sup>th</sup> to 21<sup>st</sup> March, 2024.
- Dr. J. Emagulate Rani, Assistant Professor of English, completed NEP 2020 Orientation & Sensitization Programme under MMTC organized by Madurai Kamaraj University, Madurai from 15<sup>th</sup> to 23<sup>rd</sup> April, 2024.
- Dr. J. Josephine, Assistant Professor of English, attended Short Term Course conducted through online by UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Bharathidasan University, Tiruchirappalli from 20<sup>th</sup> to 29<sup>th</sup> April, 2024.
- Dr. G. Francis Catherine, Associate Professor of Tamil, Dr. V. Flora Pauline Mary, Dr. S. Little Flower, Dr. A. Arul Irudaya Jeyanthi, Dr. D. Rajaseeli, Dr. K. Sakaya Gracy, Dr. J. Arul Sunila, Dr. S. Jansi rani, Dr. A. Jansi mary, L. Savariammal, Assistant Professors of Tamil, attended a Short Term Course organized by Thonmai Pathukappu Maiyam, Thirupathoor District from 2<sup>nd</sup> to 12<sup>th</sup> May, 2024.
- Dr. Sr. A. Scarlet, Assistant Professor of Commerce, attended the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by Malviya Mission Teacher Training Centre, Assam University, Silchar from 13<sup>th</sup> to 24<sup>th</sup> May, 2024.
- Dr. J. Emagulate Rani, Assistant Professor of English, completed NEP 2020 Orientation & Sensitization Programme under MMTC organized by Kannur University, Kerala from 21<sup>st</sup> to 30<sup>th</sup> May, 2024.

### Courses Completed

- Mrs. Benazir Begam, Visiting Faculty of Beauty Wellness, completed “Organic Henna Mixology” Course at Madurai “Riya Henna’s” in March, 2024.
- Mrs. Benazir Begam, Visiting Faculty of Beauty

Wellness, completed “Organic Tattoo Making & Ear Lobing” Course at Periyakulam “Yazhal Natchiyar International Parlour” in March, 2024.

- Dr. Sr. A. Irudaya Lourdu Gladis, Assistant Professor of Botany, attended the Five days Online course on “Entrepreneurship and Innovation” organized by Sacred Heart College, Tirupattur in collaboration with Association of Global Academicians and Researchers, Visakhapatnam, Andhra Pradesh from 24<sup>th</sup> to 28<sup>th</sup> April, 2024.
- Dr. Sr. A. Irudaya Lourdu Gladis, Assistant Professor of Botany, completed an online course on “Scientific Writing in Health Research” organized by the ICMR-National Institute of Epidemiology in May 2024.
- Dr. Sr. A. Irudaya Lourdu Gladis, Assistant Professor of Botany, completed an online course on "English for Common Interactions in the Workplace: Basic Level" authorized by Pontificia Universidad Católica de Chile and offered through Coursera in May 2024.
- Dr. Sr. A. Irudaya Lourdu Gladis, Assistant Professor of Botany, completed an online course "Introduction to Systematic Reviews for Dental Health Professionals" offered by the ICMR-National Institute of Epidemiology in May 2024.
- Dr. Sr. A. Irudaya Lourdu Gladis, Assistant Professor of Botany, completed an online course “Introduction to Microsoft Excel” authorized by Coursera Project Network and offered through Coursera in May 2024.
- Dr. Sr. A. Irudaya Lourdu Gladis, Assistant Professor of Botany, completed a training programme on "Energy Literacy" organized by the Energy Research Foundation on 16<sup>th</sup> May, 2024.
- Dr. Sr. A. Irudaya Lourdu Gladis, Assistant Professor of Botany, completed an online course on “Ethics Review of Health Research” organized by the ICMR-National Institute of Epidemiology in May 2024.
- Dr. Sr. A. Scarlet, Assistant Professor of Commerce, completed a course on Solar Energy and the approach to adopting solar solutions offered by “Energy Literacy Training “of the Energy Swaraj Foundation on 10<sup>th</sup> May, 2024.
- Dr. Sr. A. Scarlet, Assistant Professor of Commerce, has completed SWAYAM online certification “Ethics

Review of Health Research” in May 2024.

- ☞ Dr. Sr. A. Scarlet, Assistant Professor of Commerce, completed “Introduction to Business Analysis Using Spread Sheets: Basics an online non-credit project” authorized by Coursera project network and offered through Coursera on 17<sup>th</sup> May, 2024.
- ☞ Dr. Sr. A. Scarlet, Assistant Professor of Commerce, completed “Introduction to Microsoft Excel” an online non-credit project authorized by Coursera project network and offered through coursera on 17<sup>th</sup> May, 2024.
- ☞ Dr. Sr. A. Scarlet, Assistant Professor of Commerce, completed “Introduction to Risk Management an online non-credit project authorized by Coursera project network and offered through coursera on 17<sup>th</sup> May, 2024.
- ☞ Dr. Sr. A. Scarlet, Assistant Professor of Commerce, completed “Business Analysis an Process Management an online non-credit project authorized by Coursera project network and offered through coursera on 17<sup>th</sup> May, 2024.
- ☞ Dr. Sr. A. Scarlet, Assistant Professor of Commerce, completed “Basic of Inventory Management Mehul Mehta, Global Delivery head - TCS Ion, Tata Consultancy Services on 18<sup>th</sup> May, 2024.
- ☞ Dr. Sr. A. Scarlet, Assistant Professor of Commerce, completed an online course on “Introduction to systematic Reviews for Dental Health Professionals” in SWAYAM Platform on 8<sup>th</sup> May, 2024 with a score of 85%.
- ☞ Dr. Sr. A. Scarlet, Assistant Professor of Commerce, completed the 2 - credit SWAYAM Course on National Education Policy-2020: Professional Development Programme’ organized by Indira Gandhi National Open University Staff Training and Research Institute of Distance Education, New Delhi held from 1<sup>st</sup> to 30<sup>th</sup> April, 2024 and obtained 83% marks.
- ☞ Dr. Sr. A. Scarlet, Assistant Professor of Commerce, completed an online course on Interpersonal skills - Advanced organised by Wadhvani Foundation on 18<sup>th</sup> May, 2024.
- ☞ Dr. Sr. A. Scarlet, Assistant Professor of Commerce, completed an online course on Self Management organised by Wadhvani Foundation on 18<sup>th</sup> May, 2024.
- ☞ Dr. Sr. A. Scarlet, Assistant Professor of Commerce, completed the SWAYAM online course on Scientific Writing in Health Research, with a score of 80%, organised by the ICMR (National Institute of Epidemiology) in May 2024.

### Special Meetings / Programme / Activity

- ☞ The PG and Research Centre of Mathematics conducted the Board of studies meeting for I and II Semester UG B.Sc. Mathematics (CA) through online mode on 1<sup>st</sup> April, 2024.
- ☞ The PG and Research Centre of Zoology conducted the Board of Studies meeting for the new programme “Advanced Zoology and Biotechnology” on 1<sup>st</sup> April, 2024 through online mode.
- ☞ The Department of English conducted the Board of Studies meeting for the new programme “English and Communication Skills” for B.A Degree on 1<sup>st</sup> April, 2024.
- ☞ The PG Department of Computer Science organized a free 10-day computer course for the school students from rural nearby villages from 22<sup>nd</sup> to 30<sup>th</sup> April, 2024. Totally 93 school children benefited through this programme.

### DEPARTMENTAL ACTIVITIES

#### Prayer

Prayer Meeting was conducted by the following departments on the specified dates:

- \* Department of Tamil - 1<sup>st</sup> March & April, 2024.
- \* Department of Mathematics - 16<sup>th</sup> March, 2024.
- \* Department of Chemistry - 19<sup>th</sup> March, 2024.
- \* Department of Zoology - 5<sup>th</sup> April, 2024.
- \* Department of Commerce - 10<sup>th</sup>, 17<sup>th</sup> and 24<sup>th</sup> March, 2024.
- \* Department of Business Administration - 2<sup>nd</sup> April, 2024.
- \* Department of Computer Applications - 6<sup>th</sup> April, 2024.
- \* Department of Commerce with CA - 19<sup>th</sup> March, 2024.

#### Study Circle

The following topics were discussed in the study circle

#### Department of Tamil

- Sellatha Panam Novalil Natapiyal by Dr. K. Sakaya Gracy, Assistant Professor, on 19<sup>th</sup> March, 2024.

- **Sanga Ilakkiyathil Pore** by Dr. Sr. J. Arul Sunila, Assistant Professor, on 26<sup>th</sup> March, 2024.
- **Aandal Priyatharsini Sirukathaikalil Penniyam** by Dr. S. Jansi Rani, Assistant Professor, on 26<sup>th</sup> March, 2024.
- **Seevaga Sinthamanieil Aram** by Dr. A. Jancy Mary, Assistant Professor, on 5<sup>th</sup> April, 2024.

### Department of Chemistry

- ✎ The following staff members shared on the respective topics on 16<sup>th</sup> March, 2024.
- Dr. M. Vimala Joice, Assistant Professor - **Creation of audio e-content**



- Ms. S. Maria Esther, Assistant Professor - **Direct air capture technology**
- Dr. J. Jeevitha Rani, Assistant Professor - **Artificial intelligence in chemistry**
- Mrs. C. Kanagavalli, Assistant Professor - **Beauty of nanotechnology**

### Department of Commerce

- **Motivation as a Means of Staff Performance** by Mrs. R. Grace Ranjitham, Assistant Professor, on 11<sup>th</sup> March, 2024.
- **Attitudes and Behaviors That Lead To Success** by Dr. M. Chithra Devi, Assistant Professor, on 16<sup>th</sup> March, 2024.

### Department of Commerce with CA

- **Importance of Competitive Exams using Latest Technology** by Mrs. J. Maria Brindha, Assistant Professor, on 8<sup>th</sup> March, 2024.

### Association Meetings

### Department of English

- ✎ English Dramatics conducted the following competitions on 20<sup>th</sup> March, 2024 and won prizes:

### Script Writing Competitions

- K. Rathi Sakthi, III B.A. English (R) - I Prize
- S. Divya Shankari, III B.A. English (SF) - II Prize

### Mono-Act

- A. Sunandha Jasmine, III B.A. English (R) - I Prize
- J. Madhuja, II B.A. English (R) - II Prize

### Soliloquy

- P. Adete Akshara, I B.A. English - I Prize

### Digital Poster Making

- M. Harini Sri, II B.A. English (R) - I Prize
- A. Sunandha Jasmine, III B.A. English (R) - II Prize

### Dumb Charade

- A. Sunandha Jasmine, J. Madhumitha, III B.A. English (R) - I Prize
- P. Lalitha Sree, M. Hemalatha, III B.A. English (R) - II Prize

### Department of History

- ✎ In connection with the International Day for the Elimination of Violence against Women, the PG & Research Centre of History, organized an Essay Competition on the topic, "Empowering Voices, Ending Violence: Strategies for Eliminating Gender-Based Violence Against Women" on 20<sup>th</sup> March, 2024. 93 students participated. M. Rajitha & P. Switha, II B.A. History (TM) and A. Ruth Magreen, II B.A. History (TM), won the I & II Prizes respectively.

- ✎ In connection with the Republic Day & Martyr's Day, the PG & Research Centre of History, organized a Recitation Competition on Preamble of the Indian Constitution, on 21<sup>st</sup> March, 2024. 93 students participated. K. Bavatharani, II B.A. History (EM) & G. Dharshini I B.A. History (EM) won the I & II Prizes respectively.

### Department of Physics

- ✎ PG and Research Centre of Physics arranged a Quiz and Dumb Charade competitions for the UG and PG students on 4<sup>th</sup> March, 2024. The winners are listed below:

### Quiz competition

- N. Alaguveeralakshmi & S. Prema, II B.Sc. Physics - I Prize

- S. Aandal & S. Sheerin Shifana, I M.Sc. Physics - II Prize
  - T. Manosri & S. Kalaiyarasi, III B.Sc. Physics - III Prize
- Dumb Charade**
- P. Hemalatha & R. Kirthika, I M.Sc. Physics - I Prize
  - M. Sandhoshini & E. Vivya, II M.Sc. Physics - II Prize
  - P. Jeresa & S. Salma, I B.Sc. Physics - III Prize
- Department of Chemistry**
- ✎ The Chemistry Association organized JAC CHEM-FEST'2023 on 4<sup>th</sup> April, 2024. The cash award of ₹1000/- was won by Ms. P. Vaisali, II M.Sc. Chemistry.
- Department of Commerce**
- ✎ The Commerce Association celebrated "Comfest 2023" on 6<sup>th</sup> March, 2024. The following students participated and won prizes:
- Collage**
- P. Gopika Sri, II B.Com. (SF) - I Prize
  - K. Ashmitha, III B.Com. (R) - II Prize
- Nail Art**
- A. Reshma & M. Abinaya, III B.Com. (R) - I Prize
  - S. Rama & T. Yuvetha, III B.Com. (R) - II Prize
- Pencil Sketch**
- R. Rivitha, II B.Com. (R) - I Prize
- Mehandhi**
- M. Prithika & P. Vijaya Thamilarsi, I M.Com. - I Prize
  - N. Rithika Sri & M. Harinitha, I B.Com. (R) - II Prize
- Essay Writing**
- N. Nagajothi, II B.Com. (SF) - I Prize
  - K. Keerthana, II B.Com. (R) - II Prize
- Verse Writing**
- P. Jayasri, III B.Com. (SF) - I Prize
  - J. Kanishka Rai, II B.Com. (SF) - II Prize
- News Reading**
- B. Thirukarthiga, III B.Com. (R) - I Prize
  - S. Pontharani, II B.Com. (R) - II Prize
- Face Painting**
- K. Ashmitha & R. Nishalini, III B.Com. (R) - I Prize

- K. Nandhini & R. Malathika, III B.Com. (R) - II Prize
- Department of Computer Applications**
- ✎ The Association festival "TechFiesta" was celebrated on 7<sup>th</sup> March, 2024. Dr. Sr. I. Alphonsal, Assistant Professor of Tamil, served as the chief guest. The following competitions were conducted and students won prizes:
- Drawing**
- I. Sabitha Nayaki, I BCA - I Prize
  - S. Thaslima Fathima, I BCA- II Prize
- Rapid Fire Round**
- M. Thangamuthumari, I BCA - I Prize
  - R. Kaviya Dharshini, I BCA - II Prize
- Video Making**
- E. Malini, G. Nandhini, R. Kiruthika, R. Naveena, S. Mahadharshini, I BCA - I Prize
  - B. Yamuna, O. Afrin Banu, T. Bhuvaneshwari, S. Dharshini, I BCA - II Prize
- Paper Presentation**
- O. Afrin Banu, R. Rakshana, I BCA - I Prize
  - R. Kaviyadharshini, M. Kaneshka, I BCA - II Prize
- Quiz**
- R. Kaviyadharshini, S. Thaslima Fathima, I BCA - I Prize
  - E. Malini, G. Nandhini, I BCA - II Prize
- Software Debugging**
- N. Yazhini, I BCA - I Prize
  - E. Malini, I BCA - II Prize
- ✎ The Department of BCA in association with NSS Unit XIII organized an election awareness programme for the differently-abled students of St. Anne's Day Star School, Periyakulam on 3<sup>rd</sup> April, 2024. Dr. Sr. A. Arul Anitha and Mrs. A. Anusuya Banu, Assistant Professors of BCA, explained the process of the election through experimental methods. Sr. Kavitha, Headmistress of St. Anne's Day Star, Mrs. N. Raheshwari, Teacher at St. Anne's Day Star, and 16 differently-abled students who are eligible for voting participated in this programme and benefited.



### Department of Business Administration

- ✎ In connection with “Equal Pay Day”, the Association organized a “Tableau Competition” on 22<sup>nd</sup> March, 2024. Totally 25 students participated in 5 groups. The following groups won the winner and runner up prizes:

#### Agriculture Field

- M. Sudharshana Priyadarshini, S.Yashni, S. Yuvarani, III BBA, R. Nandhini, II BBA and R. Sathya, I BBA - I Prize

#### IT Field

- B. Durga Devi, S. Janani, R. Jeya Sri, III BBA and M. Janani, P. Anitha, I BBA - II Prize
- ✎ 4 students from III BBA cleared TANCET Exam conducted on 19<sup>th</sup> March, 2024.

### Department of Commerce with CA

- ✎ An online Quiz on the topic “Impulses for International Women’s Day” was conducted along with Nirmala College for Women (Autonomous), Coimbatore on 8<sup>th</sup> March, 2024 under MoU. 41 students participated.
- ✎ In connection with International Women’s Day, an Awareness programme was conducted on the topic “The Role of Women in Growth of Society on 4<sup>th</sup> March, 2024. Mrs. V. Nithya, Assistant Professor, addressed the audience. Around 197 students were benefitted through this programme.
- ✎ An Awareness Programme was conducted on 25<sup>th</sup> March, 2024 on the topic “The Importance of Sports”. K. Pavithra, II B.Com. CA who won the Individual Champion for Athletic event in 53<sup>rd</sup> Annual Sports Meet 2024, A. Abinaya and E. Gokila Priya, II B.Com. CA shared their experience and explained the importance of sports for a healthy life. Nearly 195 students benefitted through this programme.

## STUDENTS’ ACHIEVEMENTS

### Paper Publications

- ✎ S. Sulthana Sabura, Research Scholar of Physics, published a paper titled, **Monodispersed nanorod-shaped Mn-Co co-doped ZnO nanoparticles for enhanced photocatalytic and antibacterial activities** in the Journal of Inorganic Chemistry Communications, ISSN: 1879-0259, Vol. 163, 112284, March 2024.

- ✎ D. Kasthuri Santira Kumari, Research Scholar of Zoology, published a paper titled, **Unveiling the Bio prospecting Potential of Green Synthesized Silver Nano Particles using Loquat Leaf Extract for Antibacterial and Anticancer Activities** in the Indian Journal of Natural Sciences (WoS indexed), ISSN: 0976 – 0997, Vol. 14, Issue 82, pp. 68614 - 68619.

- ✎ N. Menaka Megtalin, M.Sc. Chemistry (2020-2022) published a paper titled, **Computational, Spectroscopic, Sensor and biological Studies of Cu (II) complex of fluoro Substituted Schiff base** in the Journal of Chemical Physics Impact, ISSN: 2667-0224, Vol. 8 (100582), March 2024.

- ✎ T. Manimegalai, L. Archana Devi and A. Vinothini, Research Scholars of Zoology, published a paper titled, **Green Synthesized Zinc Oxide nanoparticles from Tagetes Erecta aqueous root extract against Meloidogyne Incognita** in the Journal “Biochemical and cellular Archives”, ISSN: 0972-5075, Vol. 24, No. 1, pp. 149-155.

- ✎ Ms. C. Jeevith, M.Sc. Chemistry (2020-2022) published a paper titled, **Phytochemical Analysis and Antimicrobial Activity of Green Synthesized ZnO-Nps using Hibiscus Calyphyllus (Flower) Extract** in JAC Journal of Science, Humanities and Management, ISSN 2347-9868, Vol.11, No. 1, pp. 14-23, December, 2023.

- ✎ Mrs. S. Eswari, Ph.D. Scholar of Physics, published a paper titled, **Preparation of M-type Hexagonal BaFe<sub>12</sub>O<sub>19</sub> using Disaccharides as Fuel by Sol-Gel Method**, in the Indian Journal of Natural Sciences, ISSN: 0976-0997, Vol. 14, Issue 77, IF 2.742, April 2023, pp.54264-54269.

### Chapter Published

- ✎ D. Kathuri Santira Kumari, Research Scholar of Zoology, contributed a Chapter **The Advancement of Crispr Technology in Life Sciences in the Areas of Precision Medicine and Agriculture** in the book titled “Advancement in Life Science: Exploring Recent Trend” ISBN: 978-81-970537-4-0 published by Euphoria Publishers in May 2024.

- ✎ D. Kathuri Santira Kumari, Research Scholar of Zoology, contributed a Chapter, **Nanomedicine Revolution: Enhancing Health Care with Nanotechnology in**

**Wound Healing** in the book titled “Advancement in Life Science: Exploring Recent Trend” ISBN: 978-81-970537-4-0 published by Euphoria Publishers in May 2024.

✎ D. Kathuri Santira Kumari, Research Scholar of Zoology, contributed a Chapter, **Approachable Ways to Modern Trends in Interdisciplinary Research** in the book titled Modern “Trends in Multi-Disciplinary Research (Vol-1)” ISBN- 978-93-6048-157-5 published by String Production in May 2024.

✎ D. Kathuri Santira Kumari, Research Scholar of Zoology, contributed a Chapter, **Adapting Life: Exploring the Impact of Climate Change on Terrestrial and Aquatic Biodiversity** in the book titled “Dynamic Trends in Multi-Domain Integration” ISBN: 978-93-6048-526-9 published by String Production in May 2024.

✎ D. Kathuri Santira Kumari, Research Scholar of Zoology, contributed a Chapter, **The Impact of Climate Change on Plant Biodiversity** in the book titled “Dynamic Trends in Multi-Domain Integration” ISBN: 978-93-6048-526-9 published by String Production in May 2024.

✎ D. Kathuri Santira Kumari, Research Scholar of Zoology, edited a book titled, “Advancement in Life Science: Exploring Recent Trend” ISBN: 978-81-970537-4-0 published by Euphoria Publishers.

✎ D. Kathuri Santira Kumari, Research Scholar of Zoology, reviewed a book titled, “Dynamic Trends in Multi-Domain Integration.” ISBN: 978-93-6048-526-9 published by String Production.

### **Paper Presentations**

✎ 2 Research Scholars and 15 II M.Sc. students of Chemistry, participated and presented papers in the International Conference (Hybrid Mode) on **Advanced Functional Materials for Sustainable Development** organized by PG and Research Center of Chemistry, JAC, Periyakulam on 4<sup>th</sup> & 5<sup>th</sup> March, 2024:

• S. Meena, Research Scholar - **Thermodynamic Parameters and Adsorption Studies of Plant Extracts as Mixed Corrosion Inhibition for Carbon Steel in HCl medium**

• A. Jerli Auxilia, Research Scholar - **Inhibition of Corrosion of Carbon Steel using Ethanolic Extract of Coccinia Grandis Plant**

- M. Afrin Banu, II M.Sc. Chemistry - **BSA Binding and Biological Evaluation of Co (II)-Salen Complex**
- T. Geetha, II M.Sc. Chemistry - **Synthesis, Characterization and Biological Activity of Schiff Base and its Metal Complexes-Co (II), Ni (II), Cu (II)**
- P. Hema, II M.Sc. Chemistry - **Green Synthesized and Characterization of Cu2o-Nps using Tridax Procumbens (Leaves) Extract**
- M. Nishanthi, II M.Sc. Chemistry - **BSA Binding and Antimicrobial Activity of Cu (II)-Salen Complex Derived from Salen Ligand**
- N. Padmma Sri, II M.Sc. Chemistry - **Characterization and Antimicrobial activity of Green Synthesized CuO Nanoparticle using Acalypha Indica Leaves Extract**
- M. Pandipriya, II M.Sc. Chemistry - **Synthesis, Characterization and Biological Activity of Schiff Base and its Metal Complexes Co (II), Ni(II), Cu(II)**
- G. Ragavi, II M.Sc. Chemistry - **Antimicrobial Activity of Co (II) and Ni (II) Schiff Base Metal Complexes Derived from 2-Hydroxy 1-Naphthaldehyde and Ethylene diamine**
- C. Rajeshwari, II M.Sc. Chemistry - **Bimetallic Hollow Sphere Derived Hierarchical CuCo Nanoparticles on Sio2 for Direct Glucose Fuel Cell**
- M.S. Riddhi Gayathri, II M.Sc. Chemistry - **Vitex Trifolia Leaf Extract as a Green Corrosion Inhibitor for Carbon Steel in an Aqueous Medium**
- E. Shanmugapriya, II M.Sc. Chemistry - **Surface modification of Carbon Steel in an Aqueous Medium using Urea and Halide ions**
- Sowmiya, II M.Sc. Chemistry - **Characterization and Antimicrobial activity of Green Synthesized ZnO Nanoparticle using Acalypha Indica Leaves Extract**
- P. Vaisali, II M.Sc. Chemistry - **Trimetallic Ni<sub>2</sub>-Fe<sub>2</sub>@Nc Double Shell Hollow Nanorods as an Effective Electrocatalyst for Direct Urea Fuel Cell**
- S. Vishnupriya, II M.Sc. Chemistry - **Synthesis, Characterization and Biological Assay of Schiff Base Ligand and their Metal (II) Complexes**
- A. Yuvabala, II M.Sc. Chemistry - **Characterization and Antimicrobial Activity of Green Synthesized NiO Nanoparticles Using Acalypha Indica Leaves Extract**

- M. Yuvashree, II M.Sc. Chemistry - **BSA Interaction and Biological Studies of Ni (II)-Salen Complex**
- ✎ The following students have presented papers in the National Conference titled on “**Emerging Trends in Skill Acquisition on Entrepreneurship Development**” jointly by the Department of Commerce with Computer Applications & Institution’s Innovation Council, Arul Anandhar College, Madurai on 5<sup>th</sup> March, 2024:
- S. Cathrine, II M.Com. - **Identifying and Experting Entrepreneur Interest and Skill among College Students**
- S. Lakshmi Prabha, II M.Com. - **Women Entrepreneurship in Food Processing Sector**
- ✎ A. Vinothini, Research Scholar of Zoology, participated and presented a paper titled, **Photorehabdus mediated synthesis of silver nanoparticles against Meloidogyne Incognita** in the International Conference on Innovative Research and Development (ICIRD -2024) held between 28<sup>th</sup> and 30<sup>th</sup> May, 2024 organized by Shinawatra University, Thailand.

### Participation

- ✎ On celebrating the College Day, English Dramatics staged a drama titled “Around the World in 80 days” on 1<sup>st</sup> March, 2024. The cast includes 24 actors. S. Divya Shankari, III B.A. English (SF) and Ms. Rathi Sakthi, III B.A. English (R) won the I Prize and Ms. Vaishnavi, III B.A. English (R) secured the II Prize. The winners were selected based on their best on-stage performances.
- ✎ D. Kasthuri Santira Kumari, Research Scholar of Zoology, participated in an International online workshop on “Start Research with Smart Artificial Intelligence (AI) Technology” organized by Global Institute of Statistical Solutions from 2<sup>nd</sup> to 4<sup>th</sup> March, 2024.
- ✎ D. Kasthuri Santira Kumari, Research Scholar of Zoology, participated in an International Conference on “Advanced Functional Materials for Sustainable Development” organized by PG and Research Centre of Chemistry, Jayaraj Annappaikiam College for Women, Periyakulam on 4<sup>th</sup> & 5<sup>th</sup> March, 2024.
- ✎ K. Dhivya & G. Kaleeswari, I B.Com. CA participated in an Online Quiz on International Women’s Day conducted by Udaan Youth Club, Tyodhi on 4<sup>th</sup> and 9<sup>th</sup> March, 2024.
- ✎ C. Sheela devi and K. Devadhardhini, II M.Com.

- participated in the National Conference on “**Emerging Trends in Skill Acquisition on Entrepreneurship Development**” organized by the Department of Commerce with Computer Applications & Institution’s Innovation Council, Arul Annadhar College, Madurai on 5<sup>th</sup> March, 2024.
- ✎ J. Archana, R. Nivetha, III B.Sc. Mathematics (R), P. Lavanya, R. Nagalakshmi, R. Pooja Sri, S. Mahalakshmi, II B.Sc. Mathematics (R) and C. Flora Mary, I B.Sc. Mathematics (R) has successfully completed an online Quiz on “IMPULSE” General Awareness Quiz organized on International Women’s Day 2024 and secured 100% conducted by the PG and Research Department of Library and Information Science, Nirmala College for Women (Autonomous), Coimbatore in collaboration with Jayaraj Annappaikiam College for Women (Autonomous), Periyakulam on 8<sup>th</sup> March, 2024.
- ✎ D. Kasthuri Santira Kumari, Research Scholar of Zoology, participated in the “Awareness Programme on Exploring the Opportunities for Women in Research” organized by SRM Institute of Science and Technology Ramapuram on 8<sup>th</sup> March, 2024.
- ✎ D. Kasthuri Santira Kumari, Research Scholar of Zoology, participated in the National online workshop on “X-Ray Diffraction and Sem analysis of Deterolation reaction rates in Transformer solid Insulation” organized by ACT ACADEMY, Kerala on 12<sup>th</sup> March, 2024.
- ✎ K. Dhivya, G. Kaleeswari & N. Imrana Fathima, I B.Com. CA, participated in an Online Quiz on World Water Day organized by Udaan Youth Club, Tyodhi on 10<sup>th</sup> and 16<sup>th</sup> March, 2024.
- ✎ D. Kasthuri Santira Kumari, Research Scholar of Zoology, participated in the National Online Workshop on “AI tools for teaching and Research” organized by ACT ACADEMY, Kerala on 18<sup>th</sup> March, 2024.
- ✎ P. Abinaya, K. Hemalatha, V. Manimekalai and X. Manisha, I B.Com. CA participated in the State level workshop on Employability Soft Skill Training for Youth from 18<sup>th</sup> to 20<sup>th</sup> March, 2024 organized by Youth Welfare and Sports Development Department of Tamil Nadu State NSS Cell Chennai and College of Engineering BIT Campus Anna University, Tiruchiraappalli.
- ✎ D. Kasthuri Santira Kumari, Research Scholar of Zoology, attended a National level Online training

programme on AI - Tools for Teaching and Learning” organized by St. Xavier’s College Palayamkottai & Xavier Board of Higher Education, Tamil Nadu Chapter on 6<sup>th</sup> April, 2024.

✎ D. Kasthuri Santira Kumari, Research Scholar of Zoology, attended an One Week National Level Online Faculty Development Programme on “How to Write & Publish Research Papers” organized by Hi Learn Edutech Institute, Vijayapur, Karnataka from 15<sup>th</sup> to 21<sup>st</sup> April, 2024.

✎ D. Kasthuri Santira Kumari, Research Scholar of Zoology, participated in a one-day Online workshop on “Golden Opportunities in Higher Education” organized by Vishwaniketans Institute of Management Entrepreneurship and Engineering Technology on 19<sup>th</sup> April, 2024.

✎ D. Kasthuri Santira Kumari, Research Scholar of Zoology, attended the Three days online Hands-on Training workshop on WEB - GIS organized by Centre for Environmental Research Education and Development (CERED) of Hariharpur Friends of Environment (HFOE) from 18<sup>th</sup> to 20<sup>th</sup> April, 2024.

✎ J. Gethciyal, I BCA completed a free online course titled "Introduction to Artificial Intelligence" organized by Great Learning Academy in April 2024.

✎ S. Sharmilashree, I M.Sc. C.S participated in the “Drawing competition” via online hosted by “The Indian Art Fest” at National Level in May 2024.

#### **Award Received**

✎ V. Gayathri, II M.Sc. Mathematics received the award “Earn While Learn” on International Women’s Day conducted by Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 8<sup>th</sup> March, 2024.

✎ D. Kasturi Santira Kumari, Research Scholar of Zoology, received the **Best Women Researcher Award** in recognition of her outstanding contribution to the society from Genesin of Educational Impressions, Uttarakhand, India in April, 2024.

#### **Ph.D. Thesis Submitted**

✎ The following Research Scholars of Zoology submitted her Ph.D. thesis at M.T.W University, Kodaikanal under the guidance of Dr. M. R. Delphine Rose, Associate Professor of Zoology.

• Ms. S. Jarina Banu, (Reg No. PHDZOO19P587) on the topic “The Effect of Tannery Effluent from Dindigul District on the Soil and Ground Water and Plant Growth for Bioremediation” on 3<sup>rd</sup> April, 2024

• Mrs. V. Subalakshmi, (Reg No. PHDZOO17P527) on the topic “Biodiversity of Insects with Special Reference of Physico Chemical Parameters at Manjalar Dam in Theni District” on 8<sup>th</sup> April, 2024.

• Ms. A. Vinothini (Reg No. PHDZOO21F004) on the topic “Development of nano bio nematicide using symbiotic bacteria against Meloidogyne incognita” on 12<sup>th</sup> April, 2024 under the guidance of Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology.

#### **Ph.D. Registered**

✎ M. Saradha, registered as Full Time Ph.D. Scholar in Tamil under the Guidance of Dr. K. Sakaya Gracy, Assistant Professor of Tamil on 13<sup>th</sup> May, 2024.

✎ M. Nagalakshmi, registered as Full Time Ph.D. Scholar in Tamil under the Guidance of Dr. D. Rajaseeli, Assistant Professor of Tamil on 5<sup>th</sup> April, 2024.

#### **Ph.D. Completed**

✎ Mrs. B. Rajeshwari, Research Scholar of Commerce (Reg. No. PHDCOM16P457) completed her Ph.D. Viva-Voce Examination under the guidance of Dr. J. Mary Suganthi Bai, Associate Professor of Commerce on 25<sup>th</sup> March, 2024.

✎ Ms. A. Anita Mary, Part Time Research Scholar, PG and Research Centre of Zoology, defended her Ph.D. thesis on “Biodiversity of Insects with special reference of Physico Chemical Parameters at Vaigai Dam in Theni District” at the public viva voce Examination held at Jayaraj Annapackiam College for Women, Periyakulam on 12<sup>th</sup> April, 2024.

#### **Internship**

✎ 35 III B.Sc. Computer Science students completed UG Project Internship training at “Sputnik InfoTech, Madurai” from 20<sup>th</sup> December 2023 to 10<sup>th</sup> March, 2024.

✎ Department of Health Care (B.Voc. & Diploma) students completed internship training at Government Theni Medical College and Hospital, Theni on 5<sup>th</sup> February to 5<sup>th</sup> March, 2024.

✎ 14 I B.Voc. BW and 21 II B.Voc. BW students completed internship training from 5<sup>th</sup> February to 5<sup>th</sup> March, 2024.

✎ A. Afrin Sahana, A. Devika, P. Kaleeswari, S.

Koperundevi, S. Monika, M. Rimashri, K. Saranya, K. Vennila, II M.A Tamil, attended the Internship course from 2<sup>nd</sup> to 12<sup>th</sup> May, 2024 at Thiruppattor conducted by Thiruppattor District Antiquities Conservation Centre. Dr. A. Prabhu, Assistant Professor of Tamil, Research Supervisor & Archaeological Field Supervisor of Sacred Heart College, Thiruppattur, served as a resource person.

✎ P. Muthulakshmi, V. Priyadharshini and M. Shruthi, II M.Sc., Chemistry underwent the internship at Golden Bleaching Com, Tiruppur from 2<sup>nd</sup> to 14<sup>th</sup> May, 2024.

✎ 15 II M.Com. students completed Internship Training from 2<sup>nd</sup> to 15<sup>th</sup> May, 2024.

✎ T. Abirami, M. Ananthi, M. Muthupriyanka and A. Yamuna Rose, II M.Sc., Chemistry underwent their internship at Rajshree Sugars and Chemicals Ltd., Periyakulam, Theni from 3<sup>rd</sup> to 15<sup>th</sup> May, 2024.

✎ S. Aandal, D. Josaphin, S. Shifana Fathima, P. Hemalatha, R. Kirthika, K. Ponmalar II M.Sc. Physics students completed the Internship program at Kodaikanal Solar Observatory, Kodaikanal from 6<sup>th</sup> to 22<sup>nd</sup> May, 2024.

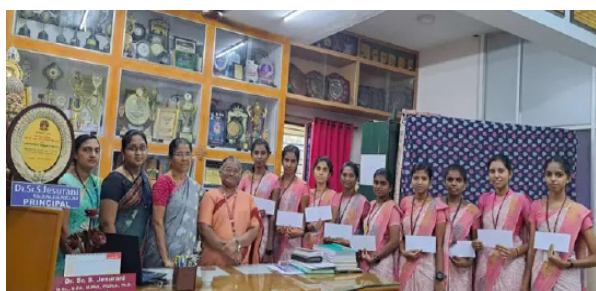
✎ 18 students of I M.Sc. Zoology attended the Internship Training Programme organized by EDII Periyakulam, Horti Business Incubation Forum, Horticultural College and Research Institute, TNAU, Periyakulam, Theni District from 9<sup>th</sup> to 27<sup>th</sup> May, 2024.

✎ 26 II M.A. English students completed Internship Training in May, 2024.

✎ G. Dharani Devi, A. Puvaneshwari, R. Selvi, V. Srimahalakshmi and K. Sushmadevi, II M.A. History completed internship training in May, 2024.

### Start-ups

✎ Under the Start-up programme of Chemistry Department, 10 students were trained to prepare the following compounds phenyl, washing powder, washing liquid, soap oil, pain balm and candles. The six months (from December to March) profit Rs. 5,000/- was distributed to the students.



✎ The profit of Rs.7225/- earned through Start-Up program has been distributed among 7 poor students of BBA to pay their semester Exam fees.

### Intercollegiate

✎ I. Rahumath Nisha, II B.Sc. Computer Science represented the Mother Teresa Women's University, Kodaikanal in the South Zone Inter University Tournament meet Chess competition held at Tamilnadu, Dr. Ambedkar Law University, Chennai from 26<sup>th</sup> to 29<sup>th</sup> December, 2023.



### NSS

✎ The NSS volunteers participated in the YUVASAMVAD - Intercollegiate competition on 5<sup>th</sup> March, 2024 at Mary Matha College of Arts & Science, Nallakuruppanpatty, Periyakulam. 5 volunteers participated in the competition and the following won prizes:

#### Essay writing Competition

- K. Bavatharani, II B.A. History (EM) - I Prize
- R. Jayasree, I B.A. English - III Prize

#### Poster Making Competition

- A. Misthika, II B.A. History (TM) - III Prize
- ✎ An Awareness Programme on “Physical Welfare of Girls” was held on 7<sup>th</sup> March, 2024. Mrs. P. S. Revathi, Product Advisor of Feminine LLP, Periyakulam served as a resource person. She spoke on personal hygiene, healthy life style, menstrual hygiene. She advised the students to use the quality sanitary napkins during menstruation. Totally, 100 NSS volunteers participated and benefited out of the programme.
- ✎ On 7<sup>th</sup> March, 2024, Unit VIII, XII organized an awareness programme on the topic “Women's Healthy Food”. Mrs. K. Santhiya, Block Co-ordinator, Poshan Abhiyaan ICDS, Periyakulam served as a resource person. A total of 50 NSS volunteers participated and benefited out of the programme.

✎ A colossal Awareness Rally on the topic, ‘Let us Unite and find Unity’ was held at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam

on 16<sup>th</sup> March, 2024. Mrs. R. V Sajeevana, District Collector of Theni, inaugurated the rally in the campus. Around 250 NSS volunteers marched towards Shri. M. P Sivam Mahal, Thenkarai carrying placards. Mr. R. Sakthivel, Deputy Superintendent of Police welcomed the gathering. Mr. R. Siva Prasad, Superintendent of Police offered the presidential address. Mr. Saravakumar,



MLA, Periyakulam, SC & ST Welfare Officer, Theni District, Mr. Suruli, Special Thasildar, Mr. Sakthivel, Government Special Lawyer, Mr. Paulpandi, Chairman of Thamaraikulam and Mr. Aazhavanthaar, Assistant Secretary of Panchayat (Thamaraikulam), offered felicitations. This event was honoured by the presence of the Police Department and the Social Justice and Human Rights Department of Theni, Rev. Sr. Dr. S. Jesurani, Principal, Secretary and Mother Superior, Rev. Sr. Dr. B.J Queensly Jeyanthi, NSS Coordinator, NCC Officer, NSS Programme Officers, NSS volunteers and NCC cadets.



✎ Campaign on “Mera Pahla Vote Desh Ke Liye” launched by the Ministry of Education (MoE) in collaboration with Ministry of Youth Affairs. MoE has designed various activities in consultation with the Election Commission of India to propagate Electoral Literacy amongst youth. In view of this to encourage the colleges for active participation in the event an online interaction session is scheduled with colleges on 8<sup>th</sup> March, 2024. Mrs. D. Abinaya, Programme officer attended the meeting.

✎ The Ministry of Education (MoE), in collaboration with

the Ministry of Youth Affairs, orchestrated a campaign titled "Mera Pahla Vote Desh Ke Liye" (My First Vote for the Nation). NSS Volunteers from unit 7 actively engaged in the campaign, expressed their perspectives on voting through essays, slogans, and posters.

✎ Regarding the utilization of NSS funds in Tamil Nadu, an online meeting was convened for programme officers on 21<sup>st</sup> March, 2024. The meeting was presided over by esteemed dignitaries, including the Secretary to the Government of India and the Additional Chief Secretary of the Tamil Nadu Government. Mrs. D. Abinaya and Dr. L. R. Charlet Sharmili, Programme Officers actively participated and enhanced the understanding of effective fund utilization within the NSS framework.

✎ The National Service Scheme (NSS) Cell of Mother Teresa Women's University orchestrated an insightful workshop on the Public Financial Management System (PFMS) on 22<sup>nd</sup> March, 2024. Dr. S. Sethu, the Nodal Officer of PFMS from Manonmaniam Sundaranar University, graced the occasion as the resource person, sharing invaluable insights into managing accounts within PFMS. Mrs. D. Abinaya and Dr. L. R. Charlet Sharmili, Programme Officers actively participated in the workshop, enriching her understanding of financial management systems.

✎ UNIT VII conducted cleaning activity on 26<sup>th</sup> March, 2024. All the I year NSS volunteers watered the saplings near the gym. Totally 42 volunteers actively participated in the cleaning work.

✎ The following students participated and won prizes in the intercollegiate competitions organized by Yuva Samvad – India @ 2047 NSS, which was held at Mary Matha College of Arts and Science, Periyakulam on 5<sup>th</sup> March, 2024. K. Bhavadharani won the first place in Essay writing competition, Misthika won the third place in Poster Making competition & Sofia Nasrine participated in the elocution competition.

✎ UNIT XI conducted a cleaning activity on 5<sup>th</sup> March, 2024. 35 first year NSS volunteers actively participated and irrigated the saplings and cleaned the area near research building.

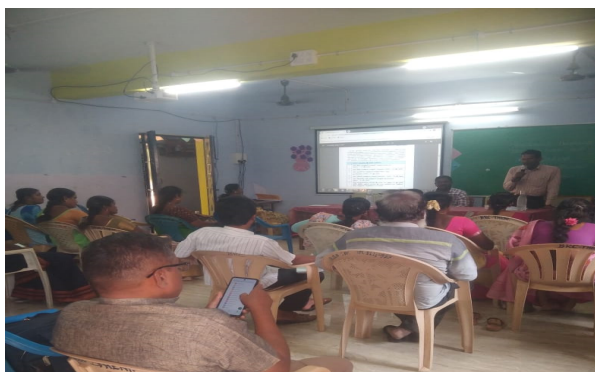
✎ In connection with International Women's Day, Unit XI conducted an essay competition on the topic "Inspiring Women" on 7<sup>th</sup> March, 2024. Totally 25 volunteers

actively participated and exhibited their talents.

- UNIT XII conducted cleaning activity on 5<sup>th</sup> March, 2024. All the I year NSS volunteers cleaned the weeds around the saplings near the open Auditorium. Totally 66 volunteers participated in the cleaning work.



- The volunteers of Unit XIII participated in an online Quiz test conducted by Udaan Youth Club on 8<sup>th</sup> March, 2024 and nine volunteers received certificates.
- As per the direction of Tamil Nadu Naanmuthalvan Scheme, Career Guidance a training programme was conducted at Government Hr. Sec. School, Vadugapatti on 8<sup>th</sup> & 9<sup>th</sup> May, 2024. 8 NSS volunteers actively participated in the training programme and trained to guide and encourage the 12<sup>th</sup> std. passed students to pursue higher studies.



## NCC

- 36 NCC cadets appeared for the “C” certificate examination at Yadava College, Madurai on 18<sup>th</sup>

February, 2024.

- 43 NCC cadets appeared for “B” certificate examination at The American College, Madurai on 24<sup>th</sup> March, 2024.



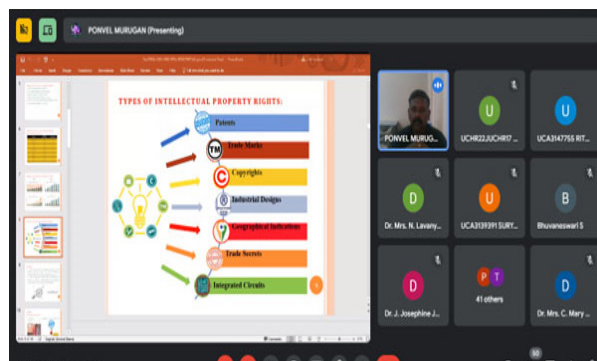
- N. Kaviya, III B.Sc. Zoology and P. Sharmila, III B.Sc. Physics, attended All India Girls TREKKING Expedition - II at Nilgiri from 16<sup>th</sup> to 23<sup>rd</sup> May, 2024.
- B. Ananthi, III B.A. Tamil attended TSC at Idayapatti, Madurai from 15<sup>th</sup> to 24<sup>th</sup> May, 2024.



## CLUBS & CELLS

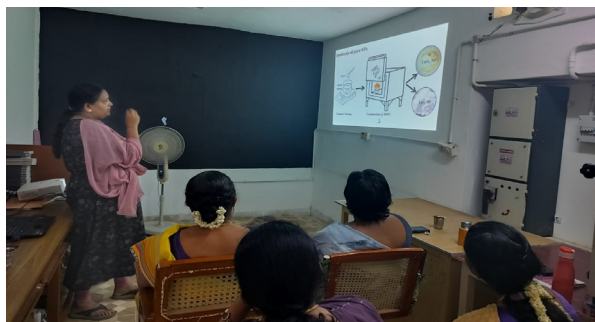
### Institution's Innovation Council

- The Institution's Innovation Council (IIC) organized a Webinar on “Workshop on Intellectual Property Rights and IP Management for Start-up” on 16<sup>th</sup> March, 2024 to its start-up students.
- Mr. T. Ponvel Murugan, Assistant Professor, Pandian Saraswathi Yadav College, Madurai served as the resource person. 101 participants attended the webinar.



## Research Committee

✎ The Research Committee organized Research Colloquium - II for Ph.D. Scholars (Both part time and full time) to share their research work periodically in the month of April 2024. Totally 17 scholars (Physics : 04, Tamil : 04, Zoology : 04, Chemistry : 03, History : 01, English :01) presented the progress of their Ph.D. work in the colloquium. The scholars had an interaction with the participants. The presentation was reviewed by the supervisor and subject expert.



## Consumer Club & HEPSN

✎ The Consumer Club observed, World Consumer Rights Day on 15<sup>th</sup> March, 2024. In connection with a Pledge was administered to Protect Consumer Rights and create awareness as per the Government order. 25 students participated.

✎ The Consumer Club arranged an Awareness Program on 18<sup>th</sup> March, 2024. The Chief guest Mr. Sathish, R.I, Periyakulam initiated the program. Mr. Murugan,



Ration Shop In charge, Kallipatti created awareness to the students about illegal business against consumer laws and rights. He explained about the types of SMART card used at the Ration shop, benefits of different cards for the different card holders especially priority, non-priority card holders. He also discussed categories in which the goods are reached to the Ration shop. Then he checked the quality of the food products available in the Ration shop at T. Kallipatti (No: 23BC017P) in front of the students and explained them. 15 students participated.



## Women Cell

✎ The Women Cell celebrated International Women's Day on 8<sup>th</sup> March, 2024. Mrs. B. Mahalakshmi, Tamil Nadu Progressive Writers Artists Association & Member of the State Women's Creative Committee, Madurai, served as the resource person and delivered the Women's Day message. The highlight of the celebration was the honouring of students who participated in various work-study programs under the "Earn While Learn" Scheme, by the Principal and Secretary with shawls and shields. The celebration was organized by the members of the Women Cell of JAC. Totally 1800 participated in the celebration.



✎ The Girl Child Day was observed by the Women Cell on 26<sup>th</sup> March, 2024. The final year UG students of the PG and Research Department of Commerce took part in the programme. Dr. S. Velanganni, Associate Professor of Economics and Women Cell Co-ordinator interacted with the students and talked about the factors behind the neglect of girl child even in this globalized and





digitalized era. She concluded her message insisting the students to promoted gender equality in the society through their education. 46 students participated in programme.

### Placement & Career Guidance Cell

- ✎ N. Thasiya Barvin, III B.Sc. Zoology was screened by Foxconn Technologies Private Limited, N. Priyadharshini, II M.Sc. Zoology and C. Rohini, II M. Sc. Zoology by Just Dial – IRO, and M. Vaanmathi, II M.Sc. Zoology by Just Dial – Tele Marketing during Virtual Free campus drive held on 1<sup>st</sup> to 3<sup>rd</sup> March, 2024 through online mode.

### Current Events Club

- ✎ The Current Events Club organized an Online Quiz on 19<sup>th</sup> March, 2024 for the students. 121 students participated and 22 students secured the highest score.

### Minority Coaching Cell

- ✎ The SC/ST and Minority Coaching Cell of JAC – NET/ SET Coaching Wing has organized the NET/ SET- Paper I and Paper II coaching class for all the Post Graduate students and conducted Mock Test in order to prepare them for the Comprehensive Examination. The test was conducted in online mode with google form on 20<sup>th</sup> March, 2024. 92 students attended the examination.
- ✎ The SC/ST and Minority Coaching Cell of JAC -TNPSC Coaching Wing conducted an orientation lecture on “How to Pass the TNPSC Group IV Examination” on 1<sup>st</sup> April, 2024. Mr. C. Murugeswaran, PT Assistant



at P.U.M.S. Varatharajapuram, Aundipatti, and Mr. A. Srinivasa Perumal, Secretary/CSR at A1254, TAPCOMARS, Theni, addressed the gathering. Mr. C. Murugeswaran oriented the students on solving aptitude questions and Mr. A. Srinivasa Perumal shared his personal experiences and motivated the students to crack the competitive examinations.

Overall, 100 students participated and benefitted through the programme.

- ✎ The SC/ST and Minority Coaching Cell - TNPSC Coaching Wing in collaboration with Thinnai Manitha Valla Membattu Arakkattallai, Theni has organized “One Month Free Online Live Coaching Classes” from 2<sup>nd</sup> to 31<sup>st</sup> May, 2024. Mr. C. Murugeswaran, PT Assistant at P.U.M.S. Varatharajapuram, Aundipatti, Mr. A. Srinivasa Perumal, Secretary/CSR at A1254, TAPCOMARS, Mr. A. Srinivasa Perumal, Mr. C. Murugeswaran, Dr. S. Ragavan, PG Assistant at S U M Hr. Sec. School, Rayappanpatty, Dr. Uma (Alumna), PG Assistant at Government Hr. Sec. School, Okkaraipatty, Mr. Sundara Pandian, faculty of Abdul Kalam Educational Academy, Coimbatore and Mrs. Divyalakshmi, faculty of Thinnai Manitha Valla Membattu Arakkattallai, Theni served as off campus resource persons.
- ✎ Dr. S. Jansi Rani, Dr. K. Sakaya Gracy, Dr. V. Flora Pauline Mary, Dr. J. Arul Iruthaya Jeyanthi, Mrs. L. Savariyammal and Dr. A. Jansy Mary, Assistant Professors of Tamil, Dr. B. Ubahara Mary and Dr. M. Tamil Selvi, Assistant Professors of History, Dr. B. Amala Jasmine, Assistant Professor of Mathematics, Dr. I. Geetha, Assistant Professor of Zoology, Mrs. V. Anitha, Assistant Professor of BBA, Mrs. B. Mary Suba, Assistant Professor of English, Ms. Suthanthira Devi, Assistant Professor of Commerce with CA, Ms. A.B. Shanmuga Priya, Assistant Professor of Physics, Mrs. C. Kanagavalli, Assistant Professor of Chemistry served as resource persons of JAC. 154 students from on campus and off campus were the beneficiaries of this programme.



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God has made everything beautiful in it's time  
Ecc 3:11

## COLLEGE UNION VALEDICTION

05-04-2024



# JAYARAJ ANNAPACKIAM COLLEGE FOR WOMEN

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Women Cell

## International Women's Day

8<sup>th</sup> March 2024

