

Internal Quality Assurance Cell (IQAC)

Annual Report 2023 – 2024 (June – December)

GENERAL STAFF ORIENTATION

The academic year, 2023-24 began with the General Staff Orientation Program conducted by IQAC on 19 June 2023 on the theme: “DYNAMIC LEADERSHIP”. The main objective of the program is to orient the faculty members to be effective academicians in the following academic year 2023-2024. The total number of participants were 62. Sr.Magnificat Soosai, the secretary of the college inaugurated the event, honoring and felicitating the resource person along with Dr. Sebasti Jeya Pushpam, the principal of Auxilium College of Arts and Science, and Dr. Sr.Santiago Theresal, the Vice Principal of the college.

Rev. Fr.Dr.Arnald Mahesh SDB, Dean of Philosophy, St.Peter’s Pontifical Institute, Bangalore was the resource person of the day. He presented a session on ‘DYNAMIC LEADERSHIP’ for the Young Generation. He inaugurated his session, seeking clarifications for a few questions from the faculty members. He projected a few live examples of untoward incidents in the present society due to a lack of value-based education. He asserted that value-based education is essential and should be implemented immediately in the education field. He insisted that the faculty should know how to address the problems of the students and have a constructive approach towards teaching and offer enormous support for students learning. He also emphasized clearly the code of conduct, professional ethics, professional relationships, and network of faculty members. His session was very interactive, informative, and lively with the help of inspirational videos. Finally, the Programme came to an end with a Vote of Thanks by Miss. D. Jonshi, Assistant Professor, Department of Physics.



STUDENTS ORIENTATION PROGRAM

The orientation program for the students was organized on 23 June 2023, by IQAC of Auxilium College of Arts and Science. Five expert priests in various fields came from Aligal media to orient our students and to give them holistic formation. The program had five sessions on the following topics; Fr. Antony Samy - Youth Spirituality, Fr. Benny - Psychological Maturity, Fr. Selvakumar - Emotional Balance in the World of Media, Fr. Marshall Socio-Cultural and Fr. Rosario - Smart Personality. Students benefited from these talks to be mature in handling various issues in life, to be emotionally balanced, to have a positive outlook and to be personally responsible towards social media, to be smart in personality, and to be updated with current affairs. The students appreciated very much the meaningful sessions.



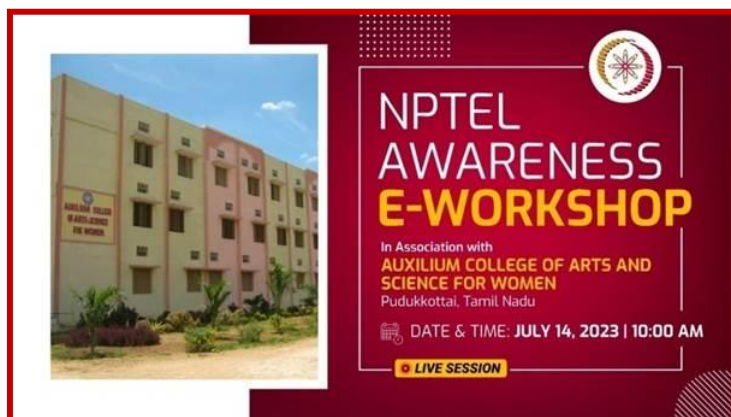
STAFF ANIMATION

The faculty members were happy to receive Sr. Soosai Magnificat for the first time for the staff animation of this academic year on 28 June 2023. The event began with a prayer song, invoking God's presence in all. A lovely and graceful welcome was given to Sr. Soosai Magnificat, the Secretary of the colleges by Mrs. Sivakarhika, the staff representative of Auxilium College of Arts and Science. The focus point of the presentation was "Teamwork makes the dream work". She began her presentation on the theme, mentioning the objectives to be clear to reach success. In addition, she drafted a few subtitles like collaboration, delegation, Regular communication, providing encouragement, assistance, support, inclusivity, setting goals, building trust, and so on. She further requested us to do our work together as a team, encouraging, and accepting one another to make developments in the colleges and in the departments.



E - WORKSHOP - NPTEL AWARENESS

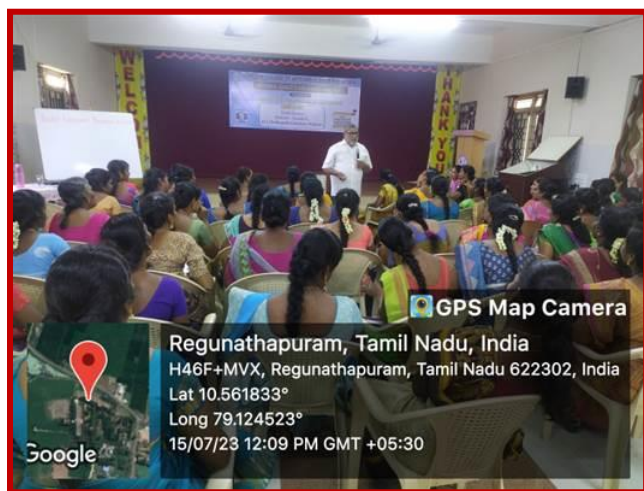
The Auxilium college of Arts and Science has been established in Swayam Local Chapter in the year 2023 June in order to give more opportunities for our students, to take our students to higher version. The main aim of registering our institute in the swayam portal is to impart quality education to rural young girls, to make students employable in the industry, or to pursue a suitable higher education program. The SPOC of the Local Chapter is Dr. Sr. V. Santiago Thersal. The SPOC appointed 15 mentors to monitor the students for their assessment in the online courses. In association with IIT Madras, we organized the NPTEL E- E-Workshop on 14th July 2023. This workshop created awareness among the faculty members and students to enroll themselves in the NPTEL Courses. There are almost 15 faculty members and 135 students enrolled in the NPTEL Local Chapter. Dr.Leema Rose A has completed the course on Numerical Methods.



FACULTY ENRICHMENT PROGRAMME

On 15, July 2023, a Faculty Programme was organized by IQAC of Auxilium College of Arts and Science for Women. 62 faculty members participated in it. The FEP commenced with a prayer, invoking God's presence and light to shine on each one of us and the program was inaugurated by the Secretary of the College Rev.Sr.Magnificat, lighting the kuthuvilaku joining with the resource person Dr. M. Kannan, Director-Research, M.S.Chellamuthu Institute of Mental Health and Rehabilitation- Madurai. The dignitaries were welcomed by the Vice Principal and the IQAC Coordinator Rev.Sr.Dr.Santiago Theresal. They were honored with a shawl and felicitated with a memento by Rev.Sr.Magnificat the Secretary and the Principal Rev.Sr.Dr.Sebati Jeya Pushpam. The first session was on the topic of Life Positions: Test & Discussion. He discussed the life positions that are observed in various family backgrounds and the perception of every individual regarding the same. He elaborated on behavior that has two different aspects thinking patterns and feeling components. He demonstrated the mindsets which are three types i.e. Expert mindset, Beginners mindset, and Appreciating mindset. Finally, the first session ended with his beautiful quote that a happy teacher alone can create a happy student.

The second session was on the topic of Emotion management and discussion. He enlightened the participants about the life skills required to be a competent teacher. Various case studies were discussed and the skills required were explained. He provided various case studies on how the teachers were able to maintain the required ethics and how to manage their emotions with students. Participants were fortunate to listen to Dr. M. Kannan and get motivated to form themselves better and in turn to form the students. The lecture was very beneficial and the resource person provided insight into the various challenges associated with which a teacher educator has to overcome in a day to day life. Finally, the Faculty enrichment program came to an end with a vote of thanks and feedback. The feedback from faculty members was very encouraging, they appreciated the management for offering such a beautiful atmosphere, of knowing and relearning from one another and they felt that such FEP should be arranged frequently.



STUDENT INDUCTION PROGRAM – UG STUDENTS

The student induction Programme was organized for all the UG first-year students on 26 July by the Internal Quality Assurance Cell of Auxilium College of Arts and Science for Women. The sessions were conducted by ASSIST - Auxilium Synergy Source for Integrated Social Transformation, Auxilium Provincial House, Thiruchirapalli. Sr. Azarias Arokia Mary Selvi & Co. was the resource team. The team divided the 192 students into four groups and they were given animations on the topics, Know Yourself, Ability and Aptitude, Invest Yourself, and Coat of Arms. Through this program, students gained to build their technical knowledge

and also develop vital future skills. A few activities were conducted based on the topics covered. The students were happy and grateful for organizing such a wonderful program.



STUDENTS BRIDGE & FOUNDATION COURSE

The Bridge & Foundation Course for the 192 first-year students began on 31 July - 04 August 2023 at Auxilium College of Arts and Science for Women. It was organized by the Auxilium Institution Innovation Council. It was inaugurated by our Secretary Sr. Soosai Magnificat along with our Principal Sr. Masilamani Sebasti Jeya Pushpam, Vice Principal. Sr.Santiagu Theresal and our chief guest Mr. R. Ashok Kumar M.A., M.Phil, Head of Kalam Foundation. Sr. Soosai Magnificat, the secretary of our college gave the inaugural address, motivating our students to be smart and to make use of all the opportunities that are provided by the institution. This was followed by the chief guest, addressing the students about the aim and scope of this course. The main aim and purpose of this program is to develop our students' communication skills and to explore innovations in their presentations. There were around 192 students who benefited and learned the technique to be effective communicators.



STUDENT ENRICHMENT PROGRAMME – PG STUDENTS

Student Enrichment Programme was organized for the Post Graduate Students on 28.07.2023 by Internal Quality Assurance Cell coordinator Sr.Vedamuthu Santiagu Theresal. Dr. M. Kannan, Director-Research, M.S.Chellamuthu Institute of Mental Health and Rehabilitation - Madurai was the resource person. The chief guest was honored and felicitated by the Secretary Sr. Soosai Magnificat and our Principal Sr. Masilamani Sebasti Jeya Pushpam. His lecture was on the topic “Life Positions and Emotions Management”. The speaker emphasized the positions of life, explained how to manage our emotions and stress, and added a few ideas on how to lead our lives peacefully. The entire session was more of an experiential sharing, discussion, and

interaction. 98 students participated and clarified their doubts. This session was motivating many students to know about themselves and to become the best version of themselves.



[IQAC ORGANIZES INCUBATION VISIT](#)

IQAC organized an incubation visit in alignment with IIC Activities. 60 students and 10 Faculty members along with IIC Vice President Sr. Dr. V. Santiagu Theresal from Auxilium College of Arts and Science for Women visited the incubation center at Periyar Maniyammai Institute of Science and Technology, Vallam on 2nd August 2023. Dr. Aruna, the Director of the Incubation Centre Explained the establishment, functions, and other activities of the Centre. She explained about herbal products, solar energy conservation, waste management, etc. She also emphasized on 3 “R”s, Reduce, Recycle, and Reuse. Then we visited the Digital library, Robotics Science Centre, Audio Lab, and Multi-Media Centre unit and obtained knowledge. Students were given awareness of Vermicompost. This visit created more awareness and innovation among the students to be more creative innovators.



NATIONAL LEVEL WORKSHOP

The Department of Mathematics of Auxilium College of Arts and Science for Women organized a “Two Days National Level Workshop on “An Introduction to the Scientific Software MATLAB, LaTeX, and Maple”. This workshop was arranged to serve the objective of the workshop, that is, To enhance the knowledge of programming and writing skills, To build the computational knowledge for students, researchers, and faculties by utilizing Maple, and MATLAB packages, To provide high-quality typesetting for producing scientific and technical documents with an aid of LaTeX. This report provides an overview of the program and highlights the key sessions and activities conducted each day.

Date and Venue: The workshop took place on 18-19 August 2023 at Auxilium College of Arts and Science for Women, Regunatapuram. The Organizing team prepared everything in advance to meet for fine-tuning of the agenda and coordination of facilitation.

Course Content:

- ❖ Introduction to MATLAB-Basics of Programming
- ❖ Numerical Computations using MATLAB
- ❖ Introduction to LaTeX -Typesetting Simple Documents
- ❖ Creating Research Articles, Thesis Writing, and CV writing using LaTeX
- ❖ Introduction to Maple-Beyond the Basics

Training Team & Organizing Team: The members of the training team were Dr. J. Clement, VIT, Vellore, and Dr. S. Arul Amirtha Raja, St. Joseph’s College of Engg., Chennai, Convener of the Workshop Dr. Teresa, Co-Conveners; Dr. Leema and Mrs. Saranya, Organizing Secretary; Mrs. Sumithra, Organizing Committee members were Mrs. Paramelshwari, Mrs. Priyanka, Mrs. Illakia and Mrs. Jancy.

Participants Details: There were 24 faculty members, and 263 student participants consisting of UG, PG, and research Scholars for this workshop from various colleges.

Day 1:

Agenda:

- Introduction to MATLAB-Basics of Programming
- Numerical Computations using MATLAB
- Hands-on Training Session

The program commenced with a prayer, invoking God’s presence on all the participants, after which began, the lighting of the Ceremonial lamp by Rev. Sr. S. Magnificat, the secretary of the college, Dr. Sr. Pushpa, the Principal of the college, Dr. Clement, Dr. Arul Amirtha Raj and Dr. Teresa, the Vice Principal and Head of the Department of the Mathematics. After the Inaugural ceremony, welcoming the dignitaries and the participants were done by Dr. Sr. Teresa. It was followed by the felicitation for the dignitaries on the dias read by Mrs. Sumithra. Sr. Magnificat gave an inaugural speech on learning and relearning scientific software. The vote of thanks was given by Dr. Leema.

- ❖ Dr. Clement began vigorously his topic on Introduction to MATLAB-Basics of Programming which was a highly interactive session on the scientific software. The second session of Numerical Computations using MATLAB was delivered by Dr. Amirtha Raja. The session covered the conversational model of learning, which emphasized participation in a dialogue that generates knowledge and upskilling. He explained the importance of scientific software.

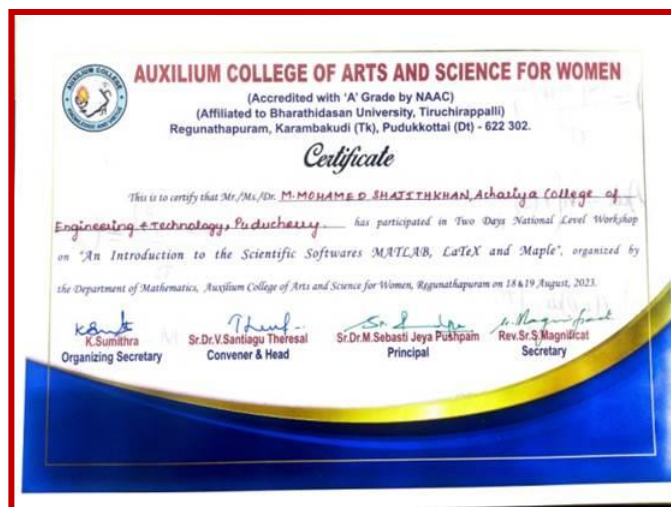
Day II:

Agenda:

- Session on Introduction to LaTeX -Typesetting Simple Documents
- Session on Creating Research Articles, Thesis Writing, and CV writing using LaTeX
- Session on Introduction to Maple-Beyond the Basics

On the Second day 19 August 2023, the workshop began with the prayer song which was followed by a welcome address by Mrs.Jancy, Assistant Professor, Department of Mathematics. The first session was a session on Introduction to LaTeX -Typesetting Simple Documents by Dr.Clement, in which he described several scientific tools of LaTeX to be used. After this, a lecture on Creating Research Articles, Thesis Writing, and CV writing using LaTeX was delivered by Dr.Amir, which comprised general information on creative writing of Research articles and Thesis writing. The last session was on Introduction to Maple-Beyond the Basics by Dr. Juliet Raja.

The two-day National Workshop has successfully achieved its objectives of providing faculty members and research scholars with valuable insights into the concepts of scientific software and its research perspective. The program not only enhanced the participants' knowledge but also forested collaboration and multi-disciplinary opportunities. The positive feedback received from participants reflects the program's effectiveness and its contribution to some relevant knowledge of scientific software. Finally, the National workshop ended with a vote of thanks by Mrs.Elakia.



5. Was the Workshop venue appropriate for the event?
 Strongly agree
 Agree
 Neutral
 Disagree
 Strongly disagree

6. How satisfied were you with the catering and food options provided during the Workshop?
 Extremely satisfied
 Satisfied
 Neutral
 Dissatisfied
 Extremely dissatisfied

7. Would you attend another Workshop organized by us in the future?
 Definitely yes
 Probably yes
 Neutral
 Probably not
 Definitely not

8. How satisfied were you with the registration process provided during the Workshop?
 Extremely satisfied
 Satisfied
 Neutral
 Dissatisfied
 Extremely dissatisfied

9. How would you rate your overall experience at the Workshop?
 Excellent
 Good
 Average
 Poor
 Very poor

10. Is there anything you would like to see improved for future conferences / Workshops?
Very informative, learned many things.

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 College Name : Sri Saranya Sharda Women's College for Women
 Contact No : 98 78 55 60 2 7

AUXILIUM COLLEGE OF ARTS AND SCIENCE FOR WOMEN
 (Nationally Accredited with 'A' Grade by NAAC)
 (Affiliated to Bharathidasan University, Tiruchirappalli)
 Regunathapuram(Po), Karambakudi(Tk), Padukkottai (D)-622302.

DEPARTMENT OF MATHEMATICS
 Two Days National Level Workshop on "An Introduction To The Scientific Softwares MATLAB, LaTeX and Maple" August 18-19, 2023

REGISTRATION FORM

| S.NO | NAME | DESIGNATION | NAME OF THE COLLEGE WITH ADDRESS | REGISTRATION FEE | CONDUCT NUMBER | SIGNATURE |
|------|-------------------|-------------|---|------------------|----------------|-------------|
| 1 | D. Hema | Staff | Bharathidasan University College for women, Thiruvananthapuram | 300 | 000190004 | [Signature] |
| 2 | B. Arthy | Student | " | 0.00 | 968633336 | [Signature] |
| 3 | B. Anusha | " | " | " | 968633336 | [Signature] |
| 4 | M. Anusha | " | " | " | 968633336 | [Signature] |
| 5 | T. Saranya | " | " | " | 968633336 | [Signature] |
| 6 | B. Eshika | " | " | " | 968633336 | [Signature] |
| 7 | M. Farhat Jathina | " | " | " | 968633336 | [Signature] |
| 8 | B. Arjunani | " | " | " | 968633336 | [Signature] |
| 9 | P. Jayashree | " | " | " | 968633336 | [Signature] |
| 10 | A. Ananya | " | " | " | 968633336 | [Signature] |

OPEN FORUM FOR STUDENTS

An interface between students and officials of the college was organized by the IQAC on 22nd August 2023 at 11:20 a.m. for UG students at Multipurpose Hall. The floor was left open for the students to raise their queries and concerns.



OPEN FORUM FOR STUDENTS

The Open Forum was conducted on 12 September 2023 at 11:20 a.m. for the PG students in the Media Hall. Action taken report was presented regarding the resolution of various academic and administrative queries that were raised in the previous Open Forum.



STATE LEVEL SEMINAR

A state-level Seminar on Emerging Trends in Physics was organized by the Department of Physics on 29 September 2023. The event commenced with the prayer, invoking God's grace on all the participants. This was followed by the welcoming ceremony. Principal, Sr.Dr.M.Sebasti Jeya Pushpam, Inaugurated the function and addressed the importance of physics in daily life. Dr.S. Jeyavijayan, Assistant Professor, Department of Physics, Kalasalingam Academy of Research and Education, Krishnakovil. and Dr. S. Dheivamalar, Assistant Professor, Department of Physics, Thanthai Periyar Govt Arts and Science College, Trichy, graced the function as a chief guest, and they presented a keynote address on the field of Spectroscopy and on the Vibrational Spectroscopy. There were 80 internal participants and 70 external participants from six colleges of Thanjavur and Pudukkottai District. Students too presented papers related to Emerging Trends in Physics, and they were also honored with prizes and certificates. Through this seminar, students gained knowledge about Spectroscopy, their working features, and the applications of Physics. The Seminar came to an end with a group photo and a vote of thanks.



STATE LEVEL WORKSHOP

The Department of English of Auxilium College of Arts and Science for Women organized "A One Day State Level Workshop on 04th October 2023 with the theme "Impact of Technology on Literature". The workshop commenced with an inaugural session in the presence of the Principal Rev.Sr.Dr.Sebasti Jeya

Pushpa, Vice-Principal Rev.Sr.Dr.Santiagu Theresal, invited dignitaries, faculty members, and students of internal and external participants. After the Inaugural ceremony, welcoming the dignitaries and the participants were done by Mrs.B.Suganya, Assistant Professor, Department of English. Our Principal Rev.Sr.Dr.Sebasti Jeya Pushpa gave an inaugural address on the impact of technology. Dr. T. Selvakumar delivered his keynote address on the significance of technology in the field of literature. He spoke about how the advancement of technology has affected all the dimensions of literature.

In the second session, Dr. K. Selvam introduced various forms of literature and he gave an intro on literature in the digital age, the impact of e-books and digital publishing on the traditional publishing industry the changes faced by writers in the digital era. He provided valuable insights and practical examples to illustrate the impact of technology on literature. The sessions were highly interactive and informative. Finally, the workshop ended with a vote of thanks given by Ms. S. Saraswathi Assistant Professor, Department of English. It was a resounding success. It provided the platform for participants to gain a deeper understanding of the technology and literature.



DISTRICT LEVEL SEMINAR-TAMIL DEPARTMENT

The Department of Tamil of Auxilium College of Arts and Science for Women in association with IQAC organized “A One Day District Level Seminar on ‘Adithamizhar’s Life Values’ on 11 October 2023. The seminar aimed to explore the Values of Tamil People’s Lives to the modern generation. The Resource Person of the seminar was Dr. P. Indira Gandhi, Associate Professor and Head, of the Department of Tamil, Kunthavai Naacchiyaar Government Arts College for Women, Thanjavur. There were 13 faculty members, 101 internal participants, and 75 external participants from 5 colleges in Pudukkottai District. The seminar commenced with a prayer and an inaugural session. The secretary of the college Sr.Soosai Magnificat gave an inaugural address on Adithamizhar's Life Values’. Dr. P. Indira Gandhi delivered her keynote address on the values and importance of Tamil People in the Old Era. The session was very informative and interactive, focused on the topic. The feedback from the students was very positive and encouraging.



NATIONAL INNOVATION DAY

On 12 October 2023, Dr. A.P.J. Abdul Kalam's Birthday was celebrated as National Innovation Day. By giving a tribute to Dr.A.P.J.Abdul Kalam, Auxilium Institution's Innovation Council (AIIC) in association with the Department of Computer Application jointly organized a Webinar on "Step Out and Innovate". The main objective of celebrating the day is to encourage young entrepreneurs to use new ideas, make new decisions, and be creative in their thinking and products. The participants were 127 students from various disciplines and four faculty members. The chief guest of the day was, Sr. M. Sebasti Jeya Pushpam, President of AIIC. She shared her experience and Expertise in innovation and interacted with the students regarding the phases of innovation & how innovation can be achieved through constant hard work, creative thinking, and dedication. The participants creatively presented their innovation by displaying Eco Bricks Events through which they triggered other students to be more creative, eco-friendly, and innovative. The participants gave very good feedback and gained knowledge to explore their creativity and innovation.



NATIONAL LEVEL WORKSHOP

The Department of Commerce & Business Administration in association with IQAC organized a day National workshop on Entrepreneurship & Employability held on 13th October 2023. The objective of the workshop is to Educate Entrepreneurs regarding Awareness, Communication and Online Diploma Courses related to Entrepreneurial Development. Mr. M. Devendiran (Ph.D.). The founder, Vedhams Midway Training Consultancy, Vellore, was the Resource Person. He began his session with an introduction about Entrepreneurship, Career Opportunities, Products, Product Branding, etc., The Participants raised a few queries on the inputs given by the Resource person. He clarified all their doubts. The students gave very good feedback about the session and the relevant topic. An Exhibition of Innovative Ideas was displayed in the afternoon. The Chief Guest inaugurated the exhibition along with the secretary of the college Sr. Soosai Magnificat. There were 90 internal participants and 93 external participants from six other colleges of Pudukottai and Thanjavur districts. Students were motivated, how to become an Entrepreneur and how to be creative innovators. The students showcased their models about online trading, Banking Services, car showrooms, and Types of Transportation, etc., The best models were awarded by the chief guest. The following are the students who won the prizes for their creative work exhibited in the exhibition.

1st Prize – Ms. K.Mahalakshmi

2nd Prize – Ms. J.JubyJerasha

3rd Prize - Ms. R.Ayshwarya



INTERNATIONAL CONFERENCE - ICRTMCS

The IQAC in collaboration with the Departments of Mathematics and Computer Science of Auxilium College of Arts and Science for Women organized a three-day International Conference on Recent Trends in Mathematics and Computer Science. The objective of the Conference is to bring together eminent academicians, research scholars, and students to exchange ideas, communicate, to discuss research findings and new advances on recent and emerging trends in the field of Mathematics and Computer Science. The conference took place on 19-21 October 2023 at Auxilium College of Arts and Science for Women, Regunathapuram. We were joined by 680 participants from 12 states, from 69 institutions representing diverse fields and disciplines. We were honored to have Dr. Kassem A Saleh, Dr. M S Jagadeesh Kumar, Dr. Antony Xavier, Dr. Peerbasha, and Dr. J. Sabaskar as our keynote speakers. Their insightful addresses provided a strong foundation for the conference, setting the tone for exploration and innovation.

The inaugural ceremony commenced with a prayer, invoking God's presence on all the participants, after which began the lighting of the Ceremonial lamp by Rev. Sr. S.Magnificat, the secretary of the college, Sr. Pushpa, the Principal of the college, the keynote speakers Dr. M S Jagadeesh Kumar, Dr. Antony Xavier and convener Sr. Teresa, the Vice Principal and Head of the Department of the Mathematics. It was followed by the presentation of the Scope of the Conference by the convener Sr. Teresa. At the conclusion of the scope of the conference, the book of abstracts was released by Sr.Magnificat, the Secretary of the College. It was a significant moment to feel proud of our college. This was followed by the presidential address of Sr.Magnificat, the Secretary of the College on the origin and development of the college and motivated the participants to shine well. Sr.Pushpa, the principal of the college gave a felicitation address.

Dr.M S Jagadeesh Kumar began dynamically his topic on Matrix decomposition and its applications in image processing which was a highly interactive and innovative session. The second session on Spectral Graph Theory was delivered by Dr. Antony Xavier. The session covered the Eigenvalues, which emphasized participation in a dialogue that generates knowledge and upskilling. The third session was on What Makes (AI) Algorithms Ethical and Trustworthy by Dr. Kassem A Saleh which was a relevant topic for today's era. Around 3.40 pm, the paper presentation of both disciplines Mathematics and computer science was started. There were 24 presenters from the Department of Mathematics, who presented their papers online under the supervision of the scientific chairs Dr. Arul Amirtha Raja, St.Joseph's College of Engineering, Chennai, Dr. Joseph Clement, Department of Mathematics VIT, Vellore. 17 presenters from the Department of Mathematics presented their papers offline under the supervision of the scientific chair Dr. Sr. Kulandai Therese, Deputy Principal, St. Mary's College, Tuticorin. 14 presenters from the Department of Computer Science presented their papers online under the supervision of the scientific chair Dr. Peerbasha, Department of Computer Science Jamal Mohammed College, Trichy.

On the Second day 20 October 2023, the Conference began with the prayer song which was followed by a welcome address by Mrs. Illakia, Assistant Professor, Department of Mathematics. Introducing the keynote speaker of the day, Dr. Peerbasha, Department of Computer Science Jamal Mohammed College, Trichy, was done by Dr. Padma, Head, Department of Computer Science. The first session was on Recent Trends in Machine Learning by Dr. Peerbasha, in which he described several scientific tools of Machine Learning. After this, a lecture on Neural networking was explained by Dr. J. Sabaskar in a more creative and detailed way. During the parallel sessions, there were 12 presenters from the Department of Computer Science presented their papers offline under the supervision of the scientific chair Dr. Peerbasha, Department of Computer Science Jamal Mohammed College, Trichy. And 12 presenters from the Department of Mathematics presented their papers online under the supervision of the scientific chair Dr. Arul Amirtha Raja, St.Joseph's College of Engineering, Chennai. The three-day International conference has successfully achieved its objectives of providing faculty members, research scholars, and students with valuable insights into the concepts of Recent Trends in Mathematics and Computer science. The conference received a total of 77 abstract submissions which were accepted for presentation, ensuring high-quality content. On the second day of the conference, the special invitees were honored and felicitated during the valedictory function. The report of the conference was presented to the gathering by the Convener Sr. Teresa. The feedback from the participants was highly appreciative and encouraging. The ICRTMCS-2023 came to an end with the conference tour on 21, October 2023 to Our Lady of good health shrine at Vellankani.





The National Education Day

The IQAC organized the National Education Day in collaboration with the Department of Mathematics on 09 November 2023. The resource person was Dr. Santiagu Thersal, the IQAC coordinator and the Vice Principal of Auxilium College of Arts and Science for Women, Regunathapuram. The participants were 98 Students and 5 Faculty Members who participated in the session actively. The session was aimed to sensitize faculty and students about the National Education Policy and the revolutionary changes the policy will introduce in the education sector. The participants were motivated to understand the importance of NEP and to excel in academics by updating themselves regularly. At the end of the session, the students were given a file with the book titled 'Wings of Fore' - by Dr. A.J. Abdul Kalam to mark National Education Day.



EXPOSURE AND FIELD VISIT FOR PROBLEM IDENTIFICATION

The Department of Tamil in collaboration with the IQAC and AIIC conducted a field visit in accordance with the IIC Calendar activities for the academic year 2023-2024. The theme of the activity was "Exposure and field visit for problem identification" as per the MHRD's IIC Calendar activities. The objective of the activity was Problem Identification along with understanding and solving the problems of society. The field survey was conducted to identify the problems faced by the villagers in Ulavayal. 25 students and three faculty members went to schools (Angavadi & Primary) at Ulavayal Village. The children at the school were informed about sanitation and how to keep themselves clean to avoid viral fever as the cases are increasing day after day. After this, they met the people

at Ulavayal Village where they discussed the problems that people are facing and guided them with all possible solutions to their problems. They interacted with the villagers and found that sanitation, health, and transportation were three major issues in the village. They cleaned the places around the village and schools by spreading everywhere bleaching powder. The students and the faculty members then met the leaders of the Village and had a discussion with them regarding these issues. They concluded that they would put forward the request for more Government transportation in the village as well as to keep the village clean and tidy to avoid any viral fever in the future. In the end, they decided that a medical camp could be arranged to bring awareness of health issues and sanitation.



[Inter/Intra Institutional Idea Competition /Challenge/ Hackathon and Reward Best Ideas](#)

The IQAC in collaboration with the Department of Mathematics organized an Inter/Intra Institutional Idea Competition/Challenge/Hackathon and Reward Best Ideas on 10 November, 2023 to enlighten the participants to encourage the idea presentation on innovation and start-ups developed. The detail of the IDEATHON2023 was sent in circular format on 01 November 2023 to all the Heads of the department and faculty members, to encourage the students to participate in it actively. Instantaneously there was a good response from the students of our institution from seven departments. There were 15 teams participated and exhibited their innovative ideas in the form of poster presentation (five teams), PPT presentation (six teams), and Exhibition (four teams). There were three judges Mrs. K. Sivakarthika, Head of, the Department of English, Dr. S. Padmavathi Head of, the Department of Computer Science, and Mrs. M. Rajamani, Head of,

the Department of Physics to evaluate the presentation of the participants. The best two ideas were selected and were given a cash award with a gift.



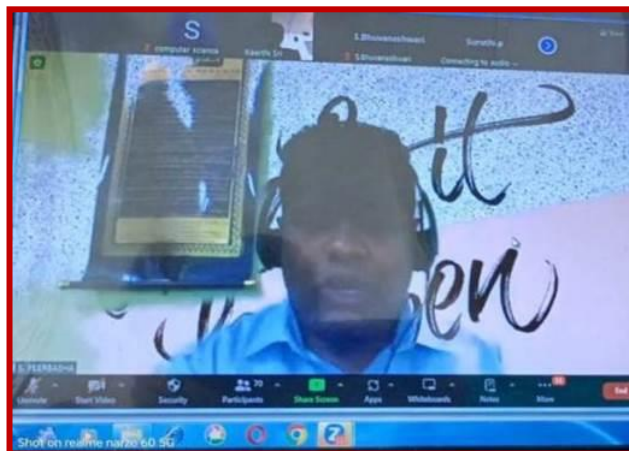
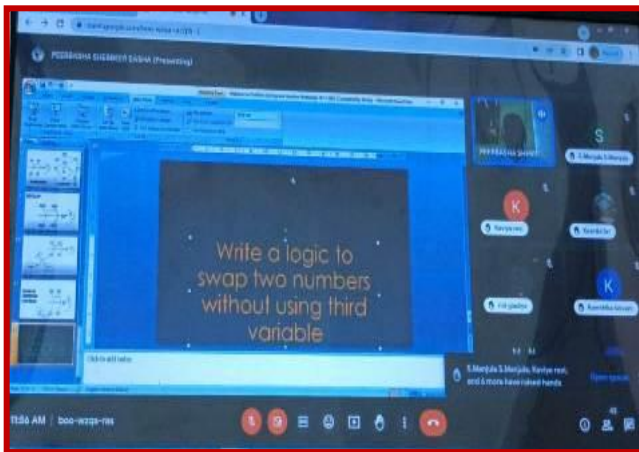
MOTIVATIONAL SESSION BY SUCCESSFUL INNOVATOR

The IQAC in collaboration with AIIC and the Department of English organized the Motivational Session on “My Story” by Successful Innovator on 07 November 2023 at Media Hall. The Session was conducted by Dr.P.Guru, Director (i/c) & Associate Professor, Centre for Institution Industry Interaction (CIII) & Department of Management Studies, Periyar Maniyammai Institute for Science and Technology, Vallam, Thanjavur. The program was started with the presence of our Principal Rev.Sr.Dr.M.Sebasti Jeya Pushpa and Vice-Principal Rev.Sr.Dr.Santiago Theresal. After the welcome address, the session was handed over to the chief guest. The theme of the program was to stimulate student’s creative ideas & thinking processes and the main objective of the program was to improve knowledge about Innovation, encourage self-employment, and inspire young women to become successful Innovators. Dr. P. Guru inspired the participants with his successful story by sharing his varied and wide experiences in the competitive world. He created awareness on how to achieve our goals and what are the elements to be followed for our successful life. He insisted that all should have specific goals and have to stick with them. He denoted the success formulas of famous companies like Amazon, Google, etc. He recollected the words of Dr.APJ Kalam, Mr.Sundar Pichai, and Mr.Narayana Moorthy who are the successful innovators of India. Then he explained about perseverance through playing a motivational video and that was very useful to the students. They learned to never give up our goal at all. He pointed up the golden rule to the participants that opportunities must be searched for, rather than waiting, And Everybody must have a definite idea about our ambition. The whole session provided hope and clarity when circumstances become hard and discouraging and built life skills in students. The session concluded after a Q&A session, in which students interacted with the resource person to learn different aspects of being a successful innovator. It was like a brainstorming session and helped to create something new and move away from stereotyped thought patterns. Finally, the program was concluded with a vote of thanks.



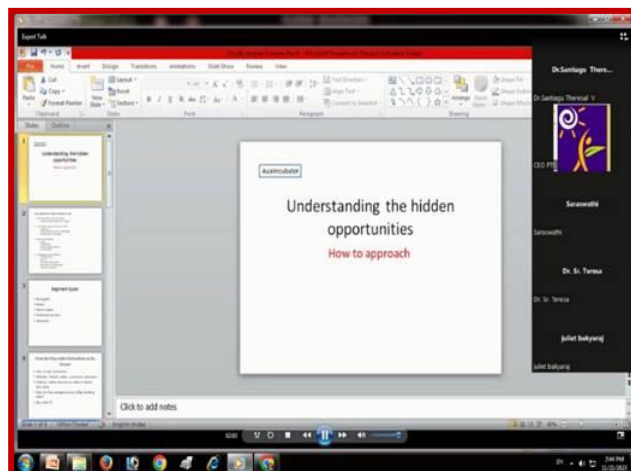
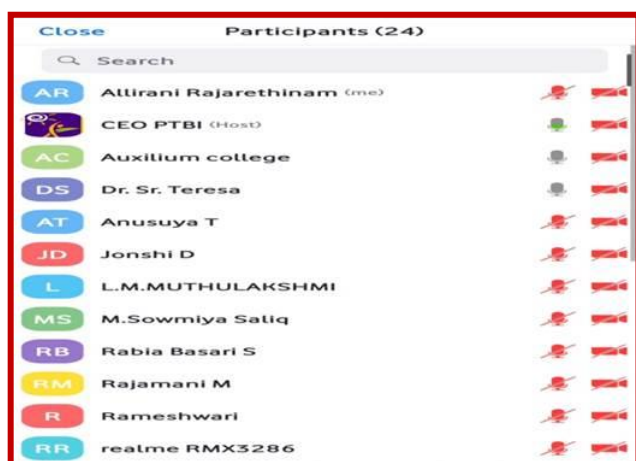
Webinar on Problem Solving and Ideation Workshop

In association with the IQAC and AIIC, the Department of Computer Science has organized a webinar on “Problem-Solving and Ideation” on 18 November 2023, through the Zoom Meet. The keynote speaker was Dr. S. Peerbasha, Department of Computer Science, Jamal Mohamed College, and Trichy. Mrs.D.Keerthi, Assistant Professor, Department of Computer Science welcomed the gathering and also introduced the resource person. Dr. S. Peerbasha lectured on the topic “Problem Solving and Ideation”. He explained the importance of problem-solving skills and the process which is a critical part of daily life both as individuals and organizations. He also shared his screen to show a LIVE example of how to swap two numbers without using a third variable in the problem-solving method. It was a very lively and interactive session wherein the resource person encouraged the participants to suggest their ideas and opinions on various matters related to problem-solving. The keynote speaker described the approach to real-life problems, analyzed the problem, strategies to be followed to solve the problem, and solutions for the problem. The participants gained vast knowledge about how to identify real-life problems, analyze the problem, what are the strategies to be followed to solve the problem, and solution for the problem. We received good responses from the participants and they also gave very good feedback. This session was very enriching and informative as it focused on different aspects of problem-solving skills and their correlation with ideation techniques. The participants gained vast knowledge and learnt new methods and innovations.



WEBINAR ON MY STORY-MOTIVATIONAL SESSION BY SUCCESSFUL START-UP FOUNDER

The Department of Computer Application in association with IQAC and AIIC has organized a webinar on My Story - Motivational Session by a successful start-up founder on 09 November 2023, through the Zoom platform. The resource person was Dr. A.P. Aruna, Chief Executive Officer, Periyar Technology Business Incubator, Thanjavur. Dr. A.P. Aruna delivered a lecture on the topic 'My Story - Motivational Session'. There were 122 students and 45 faculty members who participated in it. The objective of the session was to understand the opportunities and challenges of starting a business and get motivated to start some enterprise and become job creators and to make the faculty members and students aware of self-motivation, social entrepreneurship, and to apprise the participants of the scope of social entrepreneurship and to give the insights about the Journey of a Social Entrepreneurs. The resource person motivated all students through her vibrant sharing to be an innovator to start a business at an initial stage and to encourage them to fly high in their business by being constant and focused in their creative works and models.



WEBINAR ON NATIONAL ENTREPRENEURSHIP DAY

The Auxilium Institution Innovation Incubation Unit organized a Webinar on 'Start-up-Fabric Jewelry' on 16 November 2023 for the students who registered in the Auxilium Incubation Unit. The resource person was Dr. A.P. Aruna, Chief Executive Officer, Periyar Technology Business Incubator, Thanjavur. The total number of participants were 148 from seven disciplines. The resource person explained in depth about the new Start-Up - Fabric Jewelry through her PowerPoint presentation. She exhorted the students to be more creative in making Jewelry out of the waste cloth with more innovative methods. She too listened to the new ideas of the students and encouraged them to make new models which are demanded in the market regularly. The participants developed new knowledge and ideas to create innovative models and to take them for sale. This webinar served the participants to foster new ideas to start incubation on our campus.

