

## Internal Quality Assurance Cell (IQAC)

### Annual Report - 2022 – 2023

#### **ORIENTATION PROGRAMME FOR STAFF**

The Internal Quality Assurance Cell organized an orientation program for the faculty members at the beginning of the academic year on July 14, 2022. The resource person was Fr. Dr. Godwin Rufus SJ, Principal, Arulanandar College, Karumathur, Madurai. He spoke on the following themes:

- Personality Development
- Capacity Building
- Time management
- To be an effective communicator/ Teacher

His expertise, deliverance, and interaction with the staff were highly commendable. He exhorted all the faculty members to be like the parents, to be guardians for all the students, and to be more effective communicators in the teaching profession.



#### **ORIENTATION PROGRAMME - STUDENTS**

The Internal Quality Assurance Cell organized an orientation program for all the students from 29-30, July 2022. The resource person was Rev Fr. Daniel SDB, Don Bosco School of Excellence, Coimbatore. His orientation consisted of topics: time management, mental health, hazards of mobile phones, and success. The main objective of the orientation program was to prepare the minds of students for better learning and how to work at it. The students were made aware of the dangers of social media and how to challenge them to succeed in life and develop their personality skills. The resource person enlightened the students with lots of motivational stories, incidents, and personal experiences. The Programme came to an end with spontaneous feedback from the students.



### BRIDGE COURSE FOR THE FIRST-YEAR UG STUDENTS

At the beginning of the academic year, the Internal Quality Assurance Cell organized a Bridge course: Spoken English - for three days 10 -12 August 2022, for the first-year students. They were divided into two groups as two resource persons were available. Rev.Fr. Felix Sdb from Keeranur and Fr. Rosaria SDB, from Dindigul, were the resource persons who conducted the course. They stimulated the desire to learn English - through interesting and innovative ways.



### TNPSC - GROUP EXAM ORIENTATION PROGRAMME

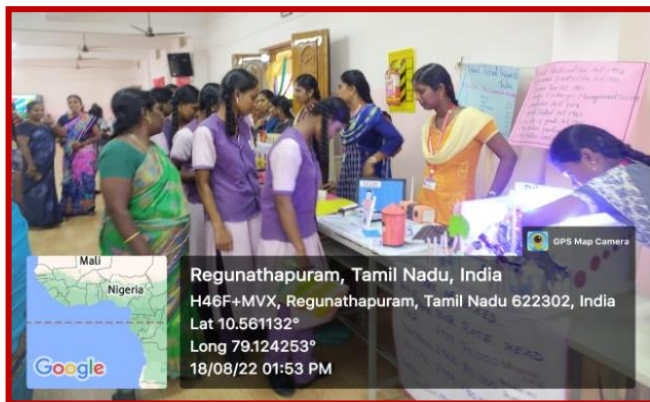
The Internal Quality Assurance Cell organized an orientation program for students on the TNPSC Exam in a joint venture with the Suresh Academy, Pudukottai on 12 August 2022. The resource persons were Mr. Loganatha, the village Administrative Officer, Alangudi, and candidates who passed out from that academy and are now in Government jobs. They explained how they prepared themselves and passed out the exams and what books to study for them. The management wanted this program to be conducted for the students as certificate courses during the academic year for the following reasons.

- To create awareness among the students about the TNPSC exams
- To prepare them for exams
- To motivate them for their future career
- The students were given ample time to clarify their doubts and queries to the resource persons about the topic.



## DEPARTMENTAL EXHIBITION

The IQAC organized in collaboration with seven Departments, the departmental exhibition on 18 August 2022. The event was inaugurated by our secretary Sr.Dr.M.A.Maria Pushpam. During the day, the various departments eagerly participated and also showcased their models about online trading, Banking Services, Bike Shows room, and Types of Transportation likewise topics of respective departments related. Government Higher Secondary School from Regunathapuram and Jeevan Jothy Higher Secondary School Students from K.K. Patti visited our Departmental Exhibition. Overall 1500 Students benefited and gained Knowledge of innovation and creative methods.



## MEDIA MELA

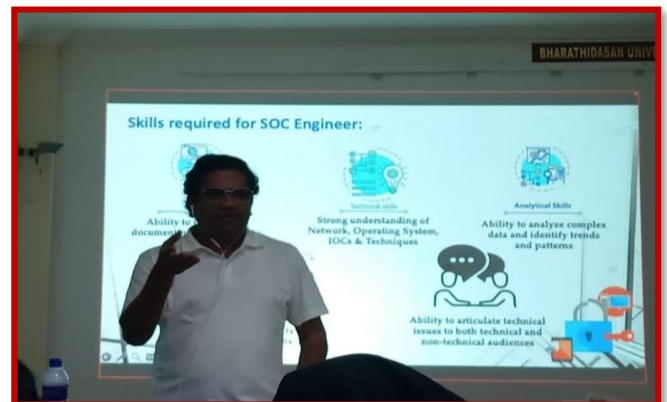
The IQAC organized the Media Mela from 06 to 11 January 2023 at Auxilium College Regunathapuram. This preparation and animation were organized and coordinated by Dr. Sr.Vedamuthu Santiagu Theresal, the IQAC coordinator along with media club members. The theme was “Media and Ecology”. There were speech, poster-making, and video-making competitions were conducted and the best presentations were selected as winners of the Competitions. The whole week, during the assembly a few new initiatives were taken like displaying the charts around the campus, speeches, quotes on social media, skits, songs, etc... to present to the students on various understandings of social media. The week came to an end with the skit on real-life problems portraying the advantages and the disadvantages of social media.



### **FACULTY DEVELOPMENT PROGRAM ON CYBER SECURITY– 2023**

A three-day Faculty development program on ‘cyber security’ was conducted at Bharathidasan University Technology Park (BUTP) Kajamalai campus trichy, from 6<sup>th</sup> to 8<sup>th</sup> February 2023. The program was sponsored by the NAAN MUDHALVAN Scheme. 150 Faculty members participated from various colleges. Dr. S. Padmavathi of the Computer Science Department participated and benefited from this FDP. The keynote address for the FDP was given by Prof.Muthuramalingam, faculty of computer science at BDU. He emphasized the Naan Muthalvan Scheme in the focus on student learning rather than mere teaching by faculty. Learning outcomes need to be defined for every course conducted by the university right at the outset so that they serve as a template for further downstream processes of curriculum design and drafting of teaching plans by faculty. He also highlighted the role of integrative learning in technical knowledge on various aspects of cyber security.

Dr. Srinivasan, Manager of IZAPY SOLUTIONS, Singapore emphasized the skill sets that need to be imparted to a degree holder so that at the end of his /her degree program he/she is in a position to work in an organization comfortably. He indicated the goals and objectives of cyber security and the hybrid training model, leadership, and experts in cyber security. He also talked about hacking, data analytics, placement, and comparison of old models and new models in cyber security. The program included talks on new training approaches in cyber security and mesh architecture, cyber security courses, and the technologies available in cyber security.

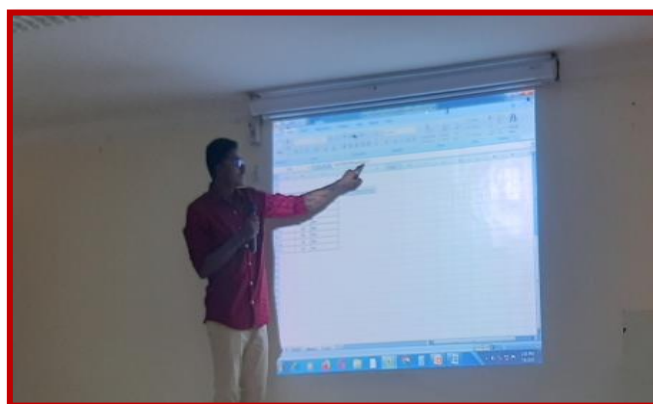


## FACULTY DEVELOPMENT PROGRAM ON MICROSOFT SKILL DEVELOPMENT

A three-day Faculty development program on 'Microsoft Digital Skills Development' was conducted at Bharathidasan University HRDC Block, Kajamalai campus, Trichy, from 7<sup>th</sup> to 9<sup>th</sup> February 2023. The program was sponsored by NAAN MUDHALVAN (a massive up-skilling program). The Resource person of the program was from MICROSOFT CORPORATION in BAMBAY. 100 faculty members from various self-financing colleges participated. Miss. Keerthi of the Computer Science Department participated and benefited from this FDP.

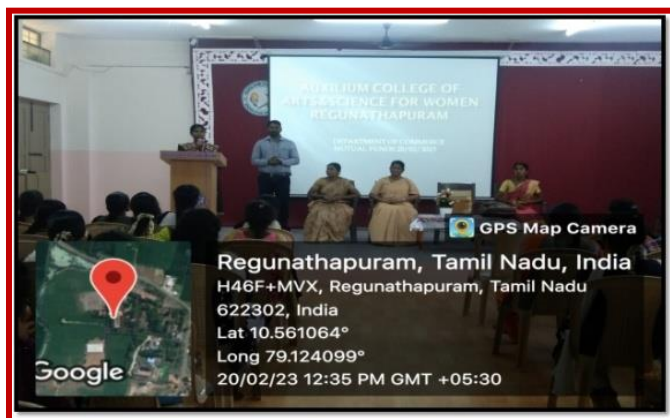
Mr.Guru Prasath, the resource person of the event highlighted the role of integrative learning in technical knowledge on various aspects of MS-office (deep Model).

He explained in detail about the Ms-word and Ms-Excel and the PowerPoint presentation and its usage. The workout the Excel sheet and VLOOK formulas were explained. It was eye-opening and new learning.



## NATIONAL SEMINAR – COMMERCE

The IQAC organized in collaboration with the Department of Commerce Conducted a Seminar on 20<sup>th</sup> February 2023 about Mutual Funds by Mr. Sivaskumar, National Stock Exchange (NSE) Trainer under the scheme of NAAN MUDHALVAN from Tamil Nadu State Government together in association with Bharathidasan University, Tiruchirappalli. He gave us a few constructive thoughts about Mutual Funds, Types, Awareness, risks and challenges in Mutual funds also How to face those risks and problems. 54 Students benefited and learned about mutual funds and their importance.



## NATIONAL SEMINAR – PHYSICS

A National Seminar on Quantum Dots on Sensitised Photoanode was conducted by IQAC in association with the Department of Physics, on February 27, 2023. Prof. Dr. V. Ilangoan, Asst. Prof. & Head, Department of Physics, Kanchi Mamunivar Govt Institute of Postgraduate Studies and Research, Puducherry, graced the function as a chief guest, and he presented a paper on the above topic. Our College Principal, Sr. Dr. M. Sebastia Jeya Pushpam, Inaugurated the function and addressed the importance of physics in daily life. Students presented a paper related to Nanotechnology, and they were also honored with prizes and certificates. Through this seminar, students gained knowledge about nanoparticles, their working features, and the applications of quantum dots.



## HANDS-ON TRAINING – Mathematics

The IQAC organized a one-day Hands-on training on “Introduction to LaTeX” on 23<sup>rd</sup> February 2023 in association with the Department of Mathematics. The resource person was Dr. N. MEENAL, Guest Lecturer, Department of Mathematics, Kalaignar Karunanidhi Govt. Arts college for women (Autonomous), Pudukkottai. She Demonstrated lectures on the topics of Page Layout and style, Listing, Table Preparation, Figure Insertion, Equation Writing, and List of Contents and index. She continued his lecture on the topic Outline of Chemistry related packages, Tikz, Article Preparation, Reference Management, Citation and Cross Reference, Online LaTeX Editor, and CV using Overleaf. She delivered a lecture on the topic Theorem like Environment, Plotting 2D & 3D Functions, and Matlab code in LaTeX.

### The outcome of the Program:

- The participants were able to improve the aesthetic quality of their work.
- The participants befitted as many academic journals and conferences categorically require dedicated LaTeX Style files for correctly typesetting their submissions.

The participants were well-equipped to format the contents of books, reports, resumes, letters, theses, and presentations using a beamer presentation.



### NATIONAL SCIENCE DAY – 2023

The IQAC organized the National Science Day in association with the Department of Physics on February 28, 2023. A theme of the National Science Day was ‘Global Science for Global Wellbeing’. There were 88 students from the Department of Physics, who participated in that program. 10 students presented papers on the following topics:

- (i) Nanotechnology
- (ii) Thin Film
- (iii) Artificial Intelligence
- (iv) Reflection of Light
- (v) Li-Fi Technology

Students were motivated to commit themselves to supporting scientific development and research and creating awareness about the importance of science and technology and its applications in everyday life.



### INTERNATIONAL WOMEN'S DAY – 2023

The IQAC organized International Women's Day. The chief guests of the celebration were parents of our students, the achievers of Auxilium College's past pupils. Sr.Amirthasamy Maria Puspam, the Secretary and the Principal Sr.Masilamani Sebasti Jeya Pushpam honored all the chief guests. Our Department I- Year UG Students participated in the Women's Achievers Task. As part of the function, a few cultural programs were performed by

the students. The dignitaries shared their experiences and promoted the importance of education for women. Our Old student Ms.Innocentia and Mrs.M.Senthamizhl Selvi the mother of Ms.Subasri's I-Year UG student gave a short talk on the empowerment of Women in today's context. The day was spent getting to know a few women achievers.



### BLOOD DONATION DAY - 2023

The Youth Red Cross unit of Auxilium College of Arts and Science for Women, Regunathapuram, in association with IQAC, organized a blood donation camp on 27.03.2023. The camp began with a short inaugural function. Rev. Sr. Dr. A. Maria Pushpam, the Secretary of the College, Dr.K.Vetrivel, YRC Zonal Coordinator, Bharathidasan University, Tiruchirappalli, Dr.K.Dhayanithy YRC District Organizer, Dr. Raja Mohamed, Hon. Secretary of Indian Red Cross Society, Pudukkottai, Sr. Dr.M.Sebasti Jeya Pushpam, the Principal and Dr.A.Kishore, Blood Bank Officer, Govt. Medical College, Pudukkottai, inaugurated the camp by lighting a lamp. The Dignitaries were honored. Dr.K.Vetrivel, YRC Zonal Coordinator, Bharathidasan University, Tiruchirappalli, explained the importance of blood donation. He thanked the management and all the donors for the noble step they have taken to donate blood and help their fellow brethren. 50 volunteers came forward to donate blood during the camp which included the Secretary, Principal, Faculties, Non-Teaching Staff, and students.



### EDUCATIONAL TRIP – 2023

The IQAC organized an Industrial visit to Madurai in collaboration with the Department of Physics on April 21, 2023. 24 students, along with two faculty members from the Department of Physics, participated in it. Many historical places in Madurai, like Vaigai Dam Park and the Gandhi Museum, were visited. The traditional cultures

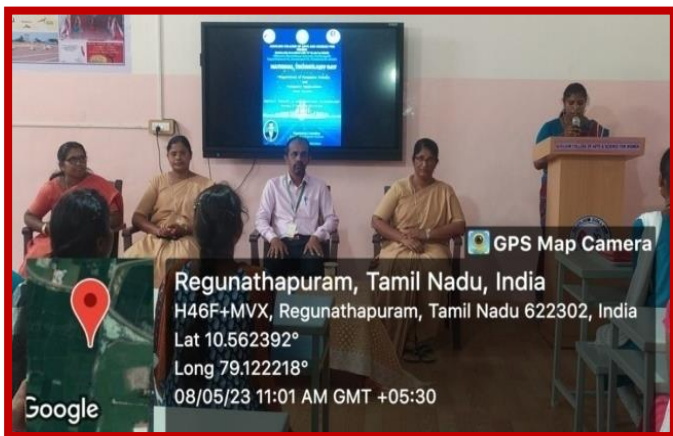


through the study of artifacts helped us to gain some knowledge and insights of the Tamil culture and traditions. It was an informative, interesting, and successful trip.



### NATIONAL TECHNOLOGY DAY – 2023

The Department of Computer Science and Computer Application has organized with IQAC a Seminar on “Recent trends in Information Technology” on 8<sup>th</sup> May 2023. The lecture was given by Chief Guest Prof.Dr. A. HAJA ABDUL KHADER, Asst.Prof. of computer Science, Khadir Mohideen College, Adirampattinam. He delivered a lecture on the topic “Recent trends in Information Technology”. He explained the latest areas in computer science and computer technology (i.e. AI, IOT, Cloud Computing, Edge Computing, Quantum Computing, and Cyber Security) and also explained the responsibility of making predictions from the data. Through these conclusions, he can assist companies in making smarter business decisions.



**FACULTY DEVELOPMENT PROGRAMME SUPPORTED BY MANAGEMENT – 2022 -2023:**

The following various programs for faculty members were encouraged and financially supported by the management.

<b>S.NO</b>	<b>NO.OF FACULTY</b>	<b>TITLE</b>	<b>DATE</b>
1	1	Machine Learning and Applications	26.09.2022 to 30.09.2022
2	1	Applications of Machine Learning in Modern Cloud Era	28.10.2022 to 03.11.2022
3	1	Data Analytics with Tableau	30.01.2023 to 03.02.2023
4	1	Cyber Security Associate	06.02.2023 to 10.02.2023
5	1	Teachers Support Programme on Developing LSRW Skills	06.02.2023 to 11.02.2023
6	5	Applicability of Mathematical Sciences at Global Context	20.02.2023 to 24.02.2023
7	3	Open Source Software Tools for Research	13.03.2023 to 17.03.2023
8	1	Applied Statistical Method for Research	03.04.2023 to 07.04.2023
9	1	Recent Trends in Graph Theory	08.05.2023 to 12.05.2023
10	1	Distributive Pedagogies for instructional innovations in Higher Education	25.05.2023 to 30.05.2023