



CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
Nationally Accredited (III cycle) with 'A' Grade by NAAC
ISO 9001: 2015 CERTIFIED
Annamalai Nagar, Trichy – 620018

INTERNAL QUALITY ASSURANCE CELL

ANNUAL REPORT 2022-2023

The Internal Quality Assurance Cell was established in the year 2004 as per the guidelines set forth by NAAC with specific goals of enhancing and sustaining the activities of our institution. It is a significant administrative body entrusted with the responsibility to initiate futuristic objectives of the institution that are planned, providing scope and space for timely execution. IQAC is also involved in the dissemination of information on various quality parameters of Higher Education. In order to improve the academic and administrative performance of the college, it also serves to develop a quality system for deliberate, consistent and catalytic programmed action. It also promises measures for institutional functioning towards quality enhancement through internationalization of quality culture and institutionalization of best practices with a focus on academic excellence to ensure quality in all operations. The core team of the IQAC include Dr. V.Sujatha, Principal of the College as the IQAC Chairperson and Dr. V.Sinthu Janita Prakash as the Coordinator.

FUNCTIONS OF IQAC

IQAC of the college is keen on assuring the quality of education and pioneering development and application of quality benchmarks / parameters for the various academic and administrative activities of the institution as follows.

- Organisation of workshops, seminars on quality related themes and promotion of quality circles.
- Documentation of the various programmes / activities leading to quality improvement.
- Preparation of the Annual Quality Assurance Report (AQAR).
- Organising orientation programmes for the Staff and the Administrative Staff.
- Administering the feedback mechanism for the college.

COMPOSITION OF IQAC

IQAC Composition

Chair Person
Management
Ex-Officio

Members

Dr Mrs V Sujatha, M.Com, M. Phil, Ph.D, Principal
Shri. K .Thiruneelakandan, Secretary, College Governing Council
Ms V Ramya, Controller of Examinations

| | |
|-------------------------------|--|
| | Dr. N. Sivapriya |
| | Dr S Ramalakshmi, Vice Principal |
| | Dr S Shameem, Vice Principal |
| | Dr N Savithri, Dean of Arts |
| | Dr G Kanaga, Dean of Alumnae Relations |
| | Dr P Urmila, Head, Dept of English (PG) |
| | Dr Jayashree Agarwal, Head, Dept of English (UG) |
| | Dr Metilda Bhuvaneswari, Head, Dept of Social Work |
| | Dr J Tamil Selvi, Head, Dept of Business Administration |
| | Dr S Prema Latha, Head, Dept of Mathematics |
| | Dr G Maheswari, Head, Dept of Physics |
| Teachers | Dr P Pungayee @ Amirtham, Head, Dept of Chemistry |
| | Ms N Girubagari, Head-in- Charge, Dept of Computer Science |
| | Dr R Merlin Packiam, Head, Dept of Computer Applications |
| | Dr M Parveen, Head, Dept of Information Technology |
| | Dr B Thamilmaraiselvi, Head, Dept of Microbiology |
| | Dr R Rameshwari, Head, Dept of Biotechnology |
| | Ms B Thanuja, Head, Dept of Food Service Management & Dietetics |
| | Dr B Baby Shakila, Director of Physical Education |
| | Ms S Pommi, Librarian |
| Senior Administrative Officer | Mr. S. Amsamohanraj, Manager |
| Student Representative | Ms K Nikitha, II M.Sc., FSM&D |
| | Ms. Monika, III BSc., Chemistry |
| External Academic Expert | Dr Aloysius Edward J |
| | Dean & Professor, Faculty of Commerce & Management |
| | Kristu Jayanti College(Autonomous), Bengaluru |
| Alumni | Ms S Dhaarani, Proprietor, |
| | Narumugai Herbal Sanitary Napkins, |
| | Mayiladuthurai |
| | Dr.R.Seethalakshmi |
| | Assistant Professor |
| | Deptaertment of Business Management |
| | VIT Chennai |
| Local Society | Mr C Shantha Kumar, |
| | Director, Spastic Society of Tiruchirappalli. |
| Industrialist | Dr Sivakumar Muthusamy |
| | Proprietor, Ariviya Technologies, IIT Madras Research Park, Chennai. |
| Assistant IQAC Coordinator | Dr S Jeyabharathi |
| | Assistant Professor, Dept of Microbiology |
| IQAC Coordinator | Dr Sinthu Janita Prakash |
| | Dean of Science & Head, Dept of Computer Science |

IQAC ACTIVITY REPORT 2022-23

This report includes the activities conducted by the IQAC of Cauvery College for Women (Autonomous), Tiruchirappalli-620018 during the academic year 2022-2023.

SIGNIFICANT CONTRIBUTIONS MADE BY IQAC DURING THE YEAR 2022-2023

1. IQAC organized NAAC Sponsored National Seminar on Fostering Global Competence among Higher Educational Institutions through Technology, 9, 10 June 2022 and a National Seminar on Sustainable Global Environmental Health- Our Planet Our Health on 26.09.2022
2. External Peer Team Visit, Academic & Administrative Audit, Internal ISO Audit were conducted
3. Environment & Energy Audit was conducted on 21.03.2023
4. Institution of Best Researcher Awards for maximum number of publications and citations
5. Pre-Congress Symposia for 75 years of Research and Development in Biological Sciences in Swaraj India -14.12.2023 in association with Indian Social Science Academy, Allahabad & Bharathidasan University Tiruchirappalli

PLAN OF ACTION AND OUTCOME

Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

| Plan of Action | Achievements/Outcomes |
|--|---|
| Every department to sign MoU for organising activities focusing on Employability /Entrepreneurship / Skill Development /Internship / Projects for students | 20 MoU's were signed for organising activities focusing on Employability /Entrepreneurship / Skill Development /Internship / Projects/ for students |
| Every department should give at least 5 e-content prepared by the students (advanced learners) | Advanced learners of the departments have prepared e-contents |
| Faculty to prepare at least 2 e-content per year | 145 e-contents were prepared by faculty |
| Every department should have at least one research project | Seven departments have 13 research projects |
| Media Centre, Audio-Visual Centre, Mixing Equipment and Software for editing required for e-content development to be established | Media Centre, Audio-Visual Centre, Mixing Equipment and Software for editing required for e-content development was established for Rs 7,50,000/- |
| Professional Development / Administrative Training Programmes to be organized for Teaching and Non-Teaching Staff | 14 Faculty Development Programmes were organized. Two Administrative Training Programmes were conducted for Non-Teaching Staff |

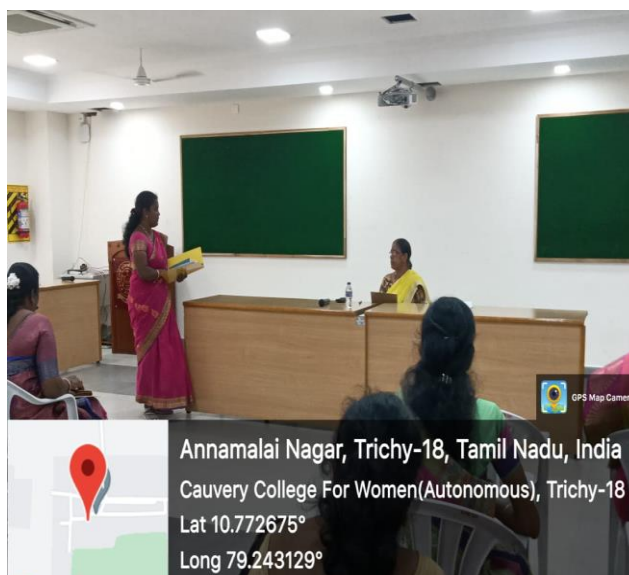
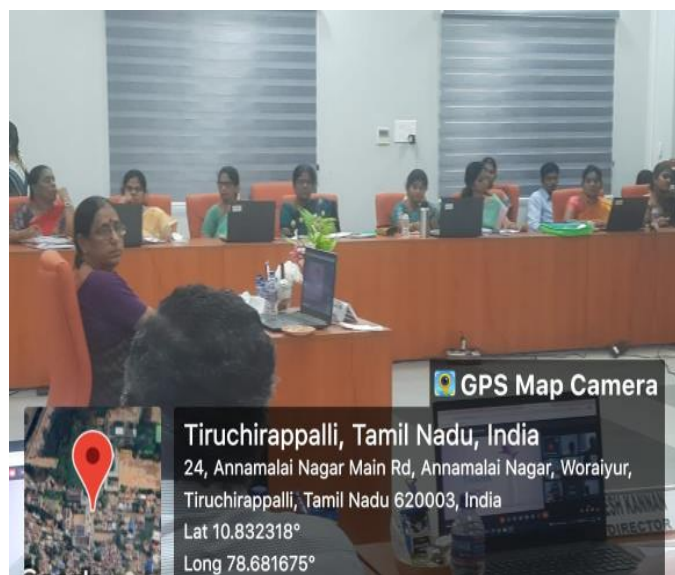
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| Meditation Room for students and faculty to be established | Meditation Room established in the B Block II Floor |
| Medical Room to be established in college premises | Medical Room established in the B Block II Floor |
| Introduction of LOCF (Learning Outcome based Curriculum Framework) for 2022-2023 batches and onwards | LOCF (Learning Outcome based Curriculum Framework) was introduced from 2022-2023 batch and onwards |
| Institutional Registration for ABC (Academic Bank Credit)- a Virtual Credit repository built along the lines of National Academic Depository | Cauvery College for Women (Autonomous) has registered in Digilocker in NAD on 18/8/2022. A handsome data for testing purpose was uploaded in Digilocker. The institution is also registered on 21/1/2023 under ABC. A capacity building program on ABC ID creation was conducted on 20.03.2023 and 250 PG students created their IDs successfully. |
| Student development programmes focusing on developing skill sets for placement by companies like Bajaj, GTT and EIT to be conducted | A 100 Hrs of training for Certificate Programme in Banking Finance and Insurance was given by BAJAJ Finance Ltd., and Bajaj Finserv Ltd., Pune to 94 students to make them employable in the banking, Financial Services and Insurance sectors. The training given by Global Talent Track Pvt. Ltd., Pune, enlightened 446 UG Science and 303 UG Arts students to develop personality and soft skills. Effulgenz Informatics and Technotainments (EIT) organized a training program for 95 students on “Fundamentals of Medical Coding” in the field of dermatology, urogenital and human anatomy. |
| Green Audit, Energy Audit and Environment Audit to be conducted | Green Audit, Energy Audit and Environment Audit was conducted on 21.02.2023 |
| Internet connectivity to be enhanced from 100 Mbps to 150 Mbps | Internet connectivity enhanced with BSNL Leased line for 150 Mbps, 3 BSNL Broadband connections with 260 Mbps and 3 Airtel Broadband connections with 202 Mbps |

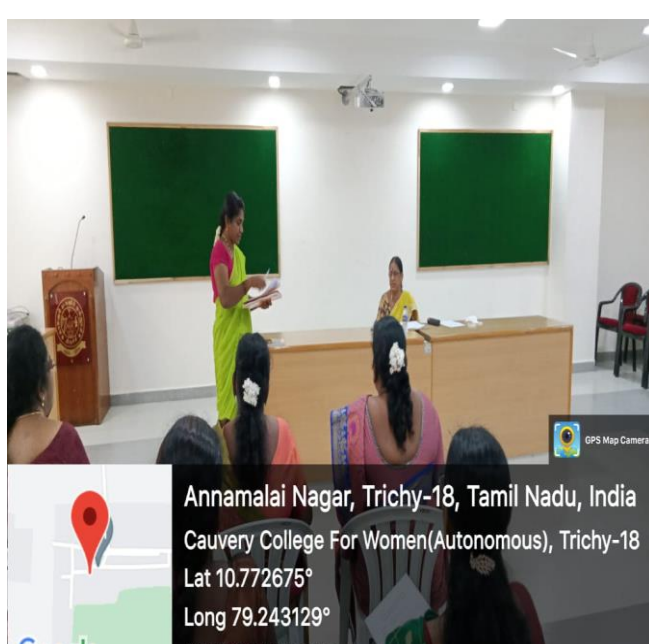
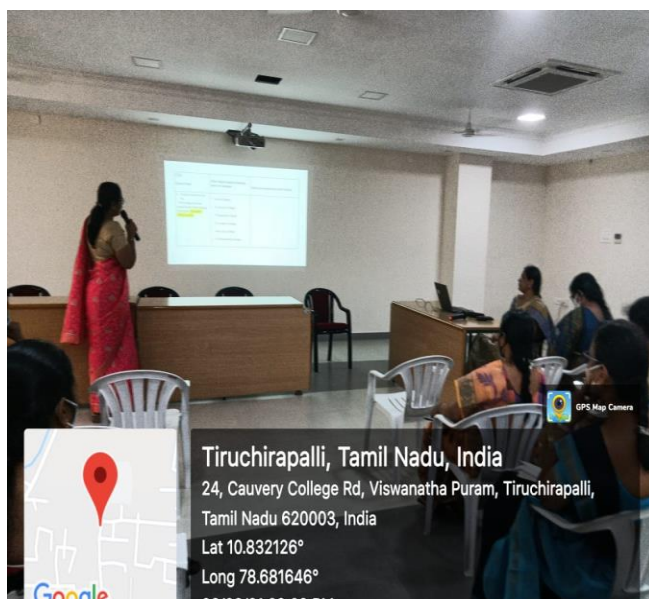
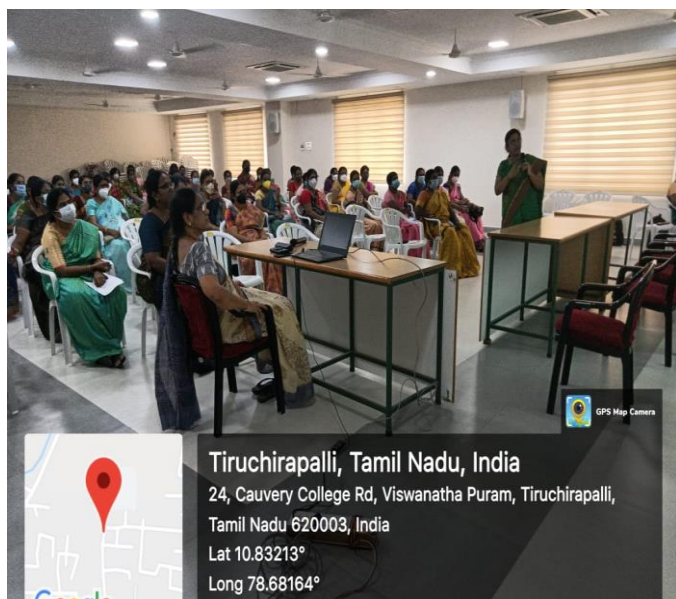
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| Library software to be replaced with KOHA software to enable remote access | The library software Nirmal Automation Software has been upgraded with Web Opac for remote access(Web based applications accessible anywhere on any device), DREAMS- Digital Repository Advanced Management System and SMILES – Systematic Mapping of Internet Learning E-Resources which can run on dual platform (Windows/ Linux). |
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PERIODICAL IQAC MEETINGS

The Internal Quality Assurance Cell (IQAC) of Cauvery College for Women (Autonomous), Tiruchirappalli-18 meets all IQAC members once in three months and discussed about the quality initiatives.

| S.No | Topic | Date | Resource Person |
|------|--------------------------------|------------|-----------------------|
| 1. | First Periodical IQAC meeting | 01.07.2022 | IQAC Internal Members |
| 2. | Second Periodical IQAC meeting | 22.09.2022 | All IQAC members |
| 3. | Third Periodical IQAC meeting | 22.12.2022 | Core members of IQAC |
| 4. | Fourth Periodical IQAC meeting | 31.01.2023 | All IQAC members |
| 5. | Fifth Periodical IQAC meeting | 11.04.2023 | All IQAC members |



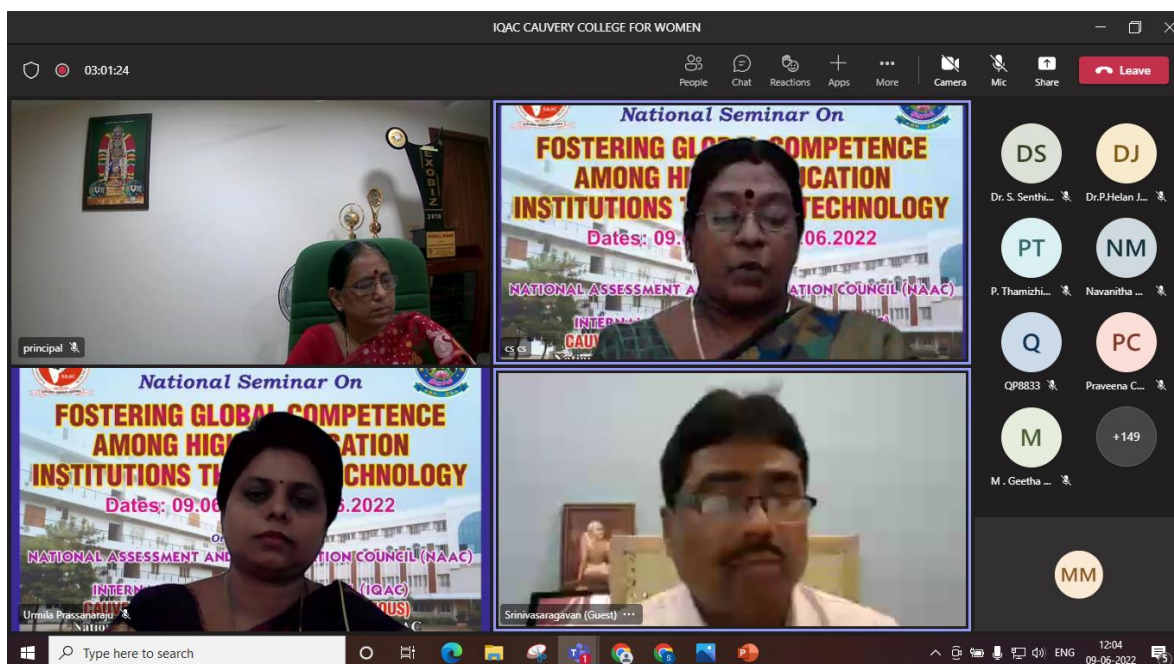


NAAC SPONSORED NATIONAL SEMINAR ON “FOSTERING GLOBAL COMPETENCE AMONG HIGHER EDUCATION INSTITUTIONS THROUGH TECHNOLOGY”

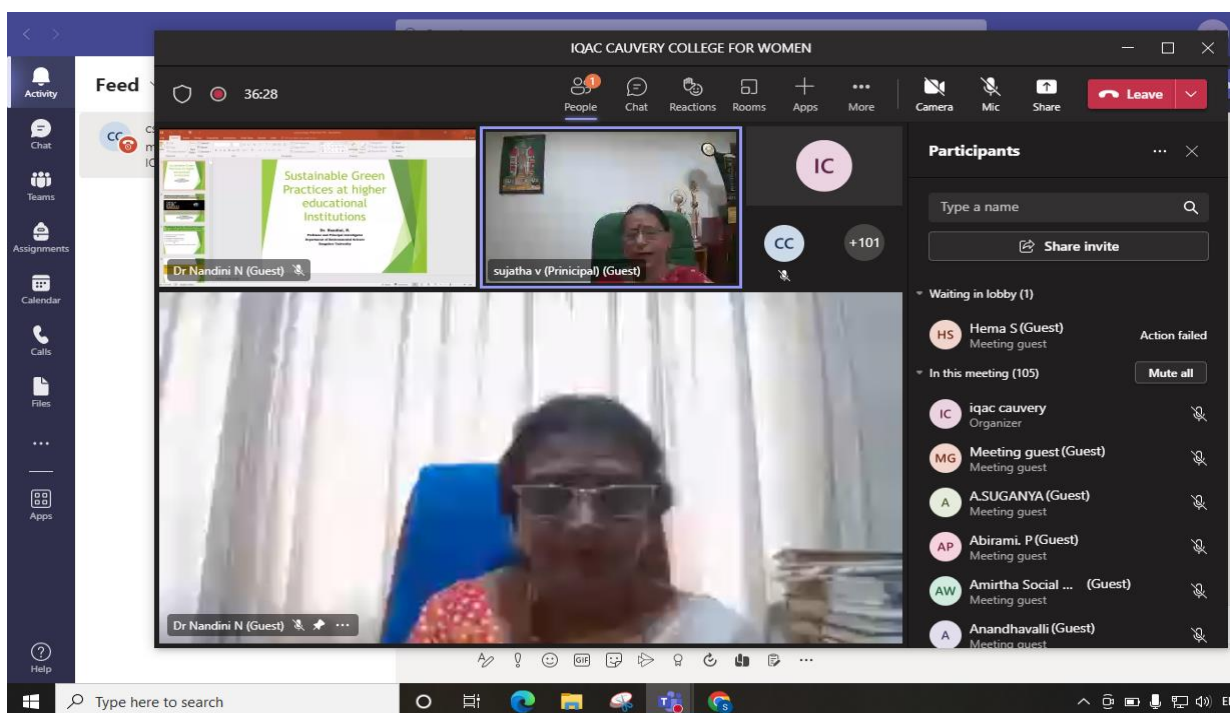
The academic year, 2022-2023 began with the NAAC Sponsored National Seminar on “Fostering Global Competence among Higher Education Institutions through Technology” conducted by IQAC on 9th and 10th June 2022. It received a huge response from stakeholders among numerous institutions across the country. About 333 participants were participated from Telangana, Maharashtra, Andhra Pradesh, Pondicherry, Uttar Pradesh, Karnataka, Rajasthan and Kerala comprising of Principals, Deans, IQAC, NIRF and AISHEE Coordinators. From Tamil Nadu 42 Colleges took part lively in all sessions.



Prof Y.M. Jayaraj, Vice Chancellor, Dr. D. Y. Patil Vidyapeeth, Pune exemplified about Concept Formation and Implementation of Refurbished NAAC Methodology of A&A Under RAF on 09.06.2022



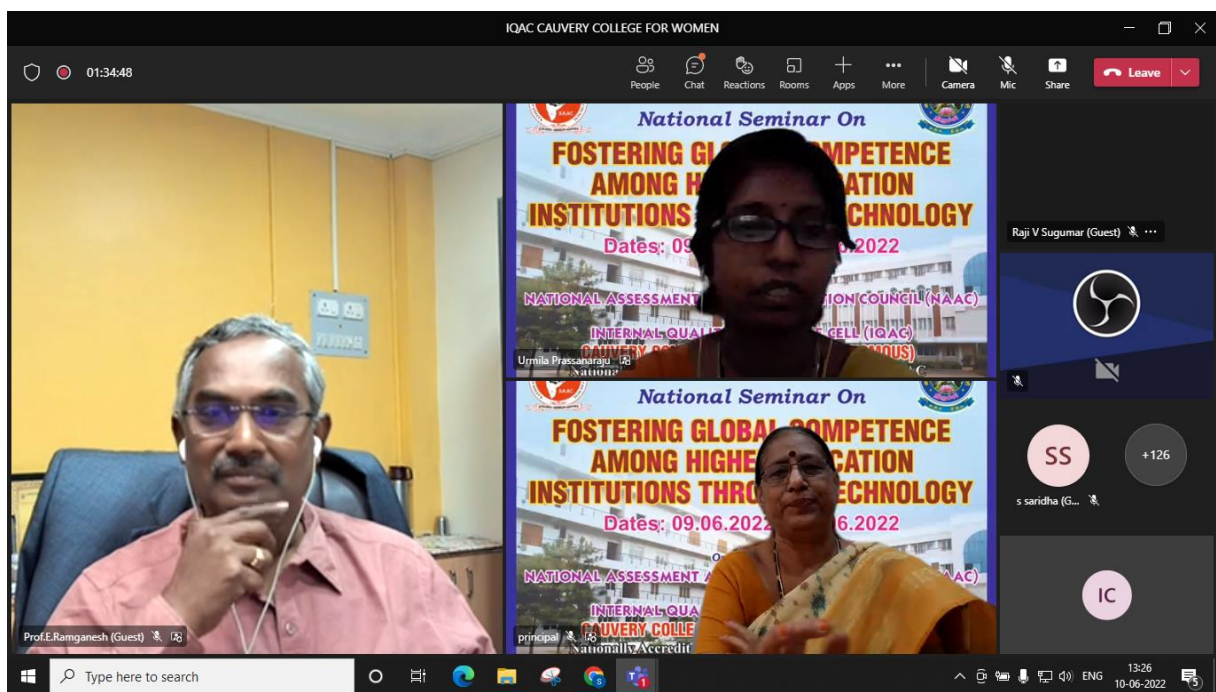
Dr. S. Srinivasa Ragavan, Professor & Head, Department of Library and Information Science, Bharathidasan University, Tiruchirappalli addressed on the topic Global Education and Relevant Examination Reforms on 09.06.2022



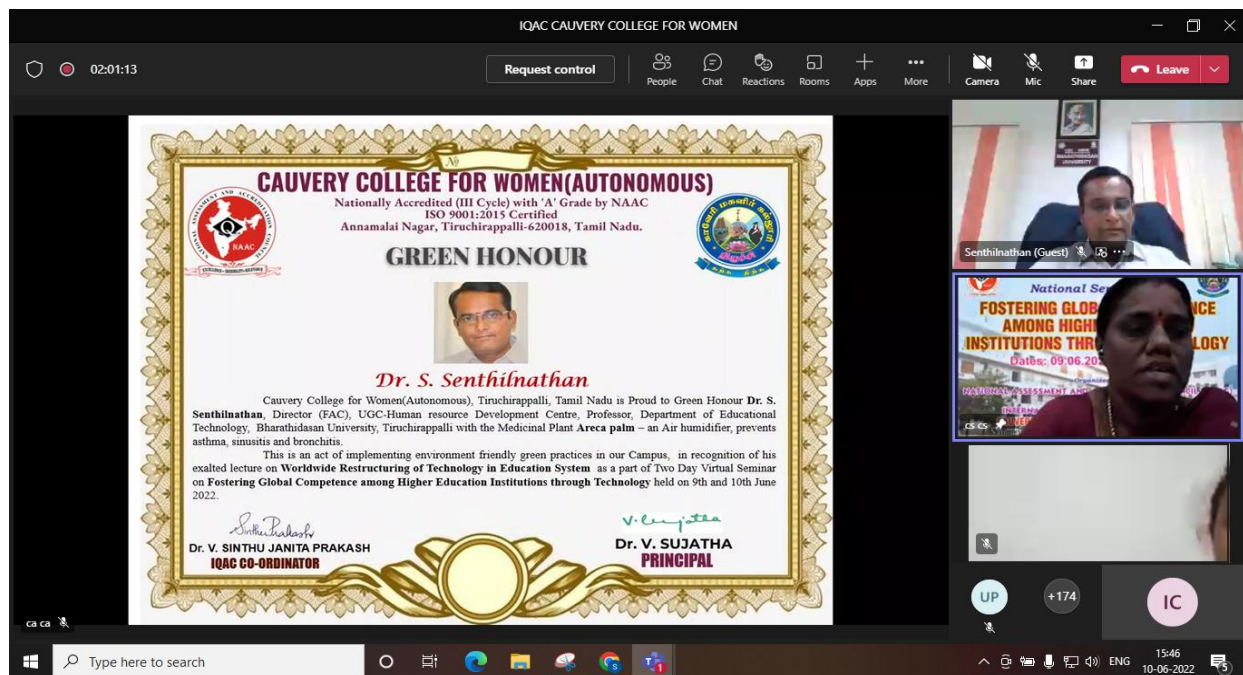
Prof. N. Nandini, Professor & Chairperson, Department of Environmental Science, Bangalore University, Bengaluru enlightened about Sustainable Green Practices at Higher Educational Institutions on 09.06.2022



Dr. Nongmaithem Rokendro Singh, Professor, Department of Commerce, School of Economics, Management and Information Sciences, Mizoram University, Aizawl highlighted the Global Perspectives of Management Changes on 10.06.2022



Dr. E. Ramganes, Professor, Coordinator of UGC SAP DRS II, Department of Educational Technology, Bharathidasan University, Tiruchirappalli illuminated about Universal Perspectives of Students in Higher Education on 10.06.2022.



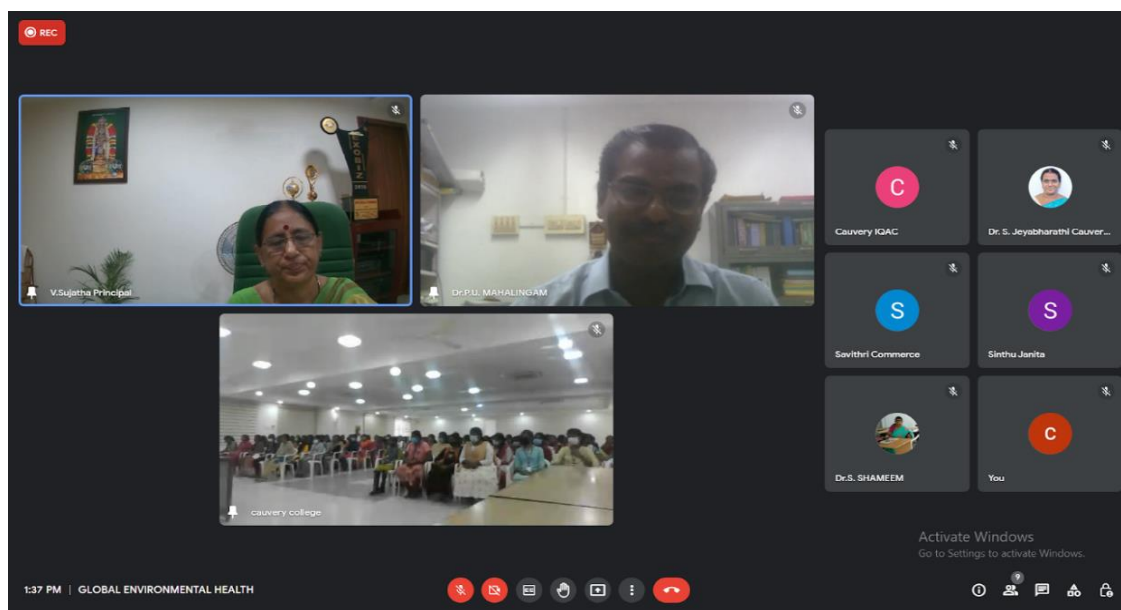
Dr. S. Senthilnathan, Director (FAC), UGC-Human Resource Development Centre, Professor, Department of Educational Technology, Bharathidasan University, Khajamalai Campus, Tiruchirappalli motivated about Worldwide Restructuring of Technology in Education System on 10.06.2022.

A TWO DAY NATIONAL SEMINAR ON SUSTAINABLE GLOBAL ENVIRONMENTAL HEALTH- “OUR PLANET OUR HEALTH”

A Two day National Seminar on “Sustainable Global Environmental Health- Our Planet Our Health” organised by Internal Quality Assurance Cell, Cauvery College for Women (Autonomous), Tiruchirappalli on 26th and 27th of September 2022 with the financial support from the management.



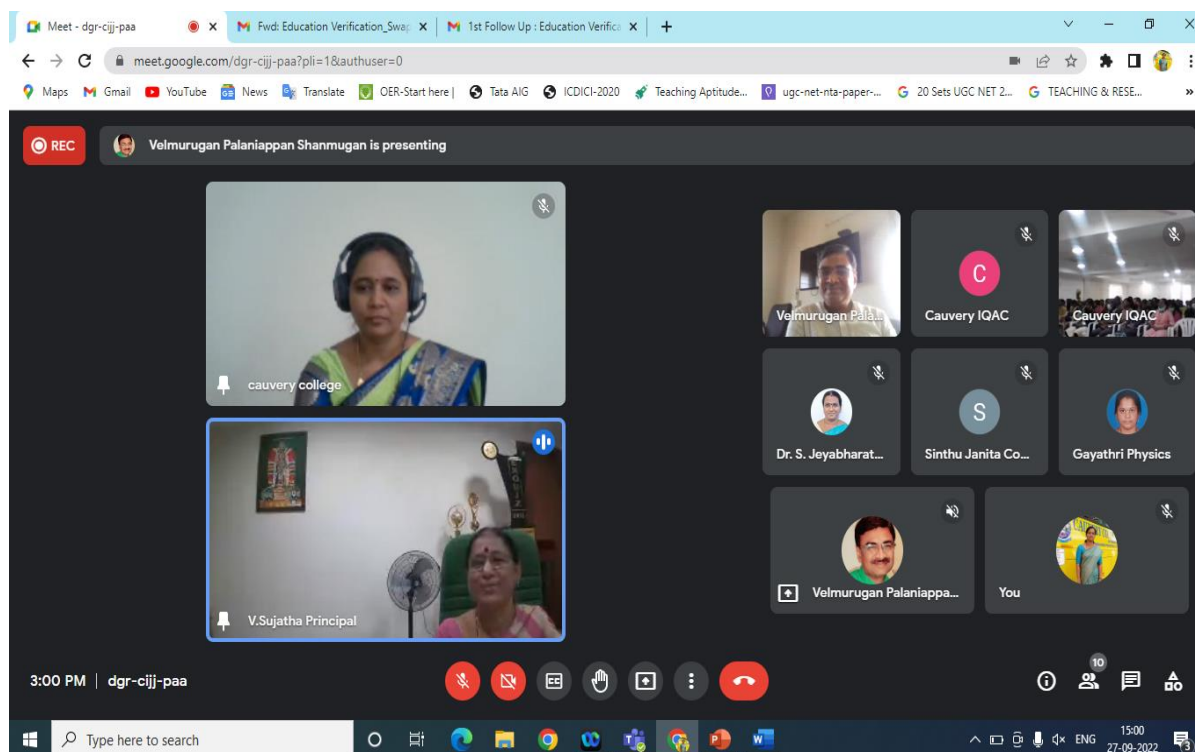
Dr. N. Thajuddin, Professor, Department of Microbiology, Bharathidasan University, Tiruchirappalli conferred on Importance of microalgae and cyanobacteria on 26.09.2022



Dr. P. U. Magalingam, Professor & Head, Department of Biology, The Gandhigram Rural Institute, (Deemed to be University), Gandigram, delivered an online lecture on Vermicomposting Technology on 26.09.2022.



Dr. P. Achiraman, Associate Professor, Department of environmental biotechnology, School of Life science, Bharathidasan University, Tiruchirappalli. gave a pervasive idea about sustainable integrated forming systems on 27.09.2022.



Dr. P.S. Velmurugan, Associate Professor, School of Commerce and business management, Central University of Tamilnadu (CUTN), Tiruvarur educated on the current issue of the society which is mitigation of climate change on 27.09.2022.

PRE - CONGRESS SYMPOSIUM ON “75 YEARS OF RESEARCH AND DEVELOPMENT IN BIOLOGICAL SCIENCES IN SWARAJ INDIA”

The Internal Quality Assurance Cell (IQAC) of Cauvery College for Women(Autonomous), Tiruchirappalli-18 in Association with Bharathidasan University, Tiruchirappalli and Indian Social Science Academy, Allahabad organized Pre - Congress Symposium on “75 Years of Research and Development in Biological Sciences in Swaraj India” on 14th December 2022 .



The Principal Dr.V.Sujatha felicitated the gathering continued by this the Resource Person of Session I - Dr. Y. Srinivasa Rao, Associate Professor, Department of History, Bharathidasan University, Tiruchirappalli spoke on the Global Warming and also he insisted on the protection of nature and the collaboration of science and humanities on 14.12.2022.



Dr.D. Dhanasekaran, Assistant Professor, Department of Microbiology, Bharathidasan University, Tiruchirappalli addressed on symbiotic foods and its importance on 14.12.2022.



Dr.A. Alagappa Mosses, Associate Professor & Head, Department of Environmental Sciences, Bishop Heber College(Autonomous), Tiruchirappalli highlighted clear picture on the Adaptation of Climate and how to protect nature for the future generation on 14.12.2022.



Dr.S. Senthilnathan, Director (FAC), UGC-Human Resource Development Centre and Professor, Department of Educational Technology, Bharathidasan University, Khajamalai Campus, Tiruchirappalli spoke on 5 Revolutions and the pains undertaken by the farmers and today's IT revolution and its development on 14.12.2022.

CO HOSTING XLVI INDIAN SOCIAL SCIENCE CONGRESS

The Internal Quality Assurance Cell(IQAC) of Cauvery College for Women(Autonomous), Tiruchirappalli-18 co-hosted XLVI Indian Social Science Congress in Association with Bharathidasan University, Tiruchirappalli and Indian Social Science Academy, Allahabad on 28th January 2023 .



Thanga. Jayaraman, Writer, Former Academic Co Ordinator, Central University of Tiruvarur gave public lecture on Understanding the Village in the Cauvery Delta: Issues and Representation in association with Bharathidasan University, Tiruchirappalli and Indian Social Science Academy, Allahabad on 28.01.2023.



The Memento was given to Thanga. Jayaraman, Writer, Former Academic Co Ordinator, Central University of Tiruvarur by Dr. S. Srinivasa Raghavan, Professor & Head, Department of Library and Information Science, Bharathidasan University, Tiruchirappalli.



The Memento was given to Thiru. Muthu Krishnan, President, Cauvery College Governing council, Tiruchirappalli by Dr. M. Selvam Vice Chancellor, Bharathidasan University, Tiruchirappalli.

NATIONAL LEVEL FACULTY EXCHANGE PROGRAMME

The Internal Quality Assurance Cell (IQAC) of Cauvery College for Women (Autonomous), Tiruchirappalli-18 has signed a functional MoU with RBVRR Womens College, Telangana. As a part of that, a National level Faculty Exchange programme was arranged on 5th December to 10th December 2022 .



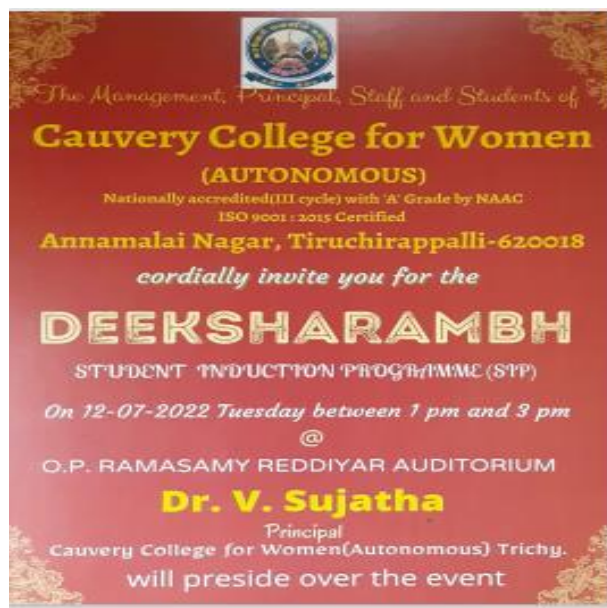
Dr. B. Anupama, IQAC, Coordinator, Associate Professor, Department of Chemistry, Ms. V. Jhansi Rani, Assistant Professor, Department of Mathematics & Statistics, Dr. A. Ch. Pradyutha, Head, Department of Zoology & Microbiology, Ms. K. Mounika, Assistant Professor, Department of Commerce and Ms. N. Priyanka, Assistant Professor, Department of Computer Science RBVRR Womens College, Telangana visited our campus as a part of National level Faculty Exchange Programme from 05.12.2022 to 10.12.2022.



Faculty from Cauvery College for Women (Autonomous), Tiruchirappalli Dr. J. Sangeetha, Associate Professor, Dept. of Computer Science, Dr. S. Jeyabharathi, Associate Professor, PG and Research Dept. of Microbiology, Dr. P. Pungayee @ Amirtham, Associate Professor & Head, Dept. of Chemistry, Ms. V. Manimozhi, Assistant Professor, PG and Research Dept. of Mathematics and Ms. A. Vinothini, Assistant Professor, PG and Research Dept. of Commerce visited RBVRR Womens College, Telangana as a part of National level Faculty Exchange Programme from 05.01.2023 to 10.01.2023.

STUDENT INDUCTION PROGRAMME- DEEKSHARAMBH

Student Induction Programme(SIP) - DEESHARAMBH was organized on 12.07.2022 AN for all the I UG Students and Dr. V.Sujatha, Principal, Cauvery College for Women (Autonomous), Tiruchirappalli presided over the event.



FACULTY DEVELOPMENT PROGRAMMES

The Internal Quality Assurance Cell (IQAC) of Cauvery College for Women (Autonomous), Tiruchirappalli-18 organised the following Faculty development programmes to enrich the skills of both teaching and non-teaching faculty.

| S.No | Date | Topic | Resource Person | Beneficiaries | Organizers |
|------|------------|---------------------------|--|---------------|----------------------------------|
| 1 | 11.06.2022 | FDP-Research Ethics | Prof. A. Joseph Dorairaj Former VC, Gandhigram Rural Institute, Dean, Faculty of English & Foreign Languages Gandhigram Rural Institute (Deemed University) Dindigul | 150 | IQAC & Department of Physics |
| 2 | 14.06.2022 | FDP- Classroom Management | Dr. A. Savarimuthu Former Vice Chancellor of DMI Eugene University, Zambia Former Dean and Professor Management Studies St. Joseph's Institute of Management | 100 | IQAC & Department of Social work |

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| | | | Tiruchirappalli | | |
| 3 | 14.06.2022 | FDP-Behavioural Problems in Post Pandemic Period among College students | Dr. J.O. Jeryda Gnanjane Eljo Associate Professor Department of Social work Bharathidasan University Khajamalai campus Tiruchirappalli | 100 | IQAC & Department of Social work |
| 4 | 13.06.2022 to 15.06.2022 | FDP ON E-Content Development using ICT Tools for MOOCs | Dr. A. VIMAL JERALD Assistant Professor, Department of Computer Science, St. Joseph's College (Autonomous) Tiruchirappalli – 620 002 | 161 | IQAC & Department of Computer Science |
| 5 | 24.08.2022 | One Day Virtual FDP on Skill Enhancement on “Sustainable Development Goals” | 1. Dr. P. Vijaya Faculty Department of Business Management RBVRR Women's College Hyderabad Telangana | 100 | IQAC & Department of Microbiology |
| | | “Understanding and Managing stress for a better life” | 2. Dr. C. Kavitha Associate Professor Department of Business Management RBVRR Women's College Hyderabad Telangana | | |
| 6 | 26.08.2022 | Proposal Writing for SWAYAM MOOCs | Dr. T. Asir Associate Professor Dept. of Mathematics Pondicherry University Puducherry | 100 | IQAC & Department of Mathematics |
| 7 | 17.10.2022 | Faculty Awareness Programme on | Dr. Sophia Rajesh | 100 | IQAC & Department of Social work |

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| | | Life Beyond Breast Cancer | Consultant Radiation Oncology & Palliative Care GVN Multispeciality Hospital Tiruchirappalli | | |
| 8 | 28.10.2022 | Faculty Development Programme on “Leadership is Mindset- Not Skill & Mindfulness” | 1. Mr. Ibrahim Khaleelullah Manager L & D V Dart Technologies Tiruchirappalli 2. Ms.Tania George Lead- HRBP VDart Technologies Tiruchirappalli | 120 | IQAC & Department of Computer Science |
| 9 | 30.01.2023 | Proposals for Collaborative Activities with NIEPD | Dr. Vetukuri P.S. Raju Assistant Professor Dept. of Educational Finance National Institute of Educational Planning and Administration New Delhi | 50 | IQAC |
| 10 | 06.02.2023 | FDP- Technology Transformation in Classroom | Mr. S. Ram Prabhu Vice President Ebix Smartclass Educational Services Pvt. Ltd Uttar Pradesh | 50 | IQAC & Department of Business Management |
| 11 | 13.02.2023 to 17.02.2023 | Management Development Program on Entrepreneurship in Economic Growth | 1. Dr. Thoufeeque Nishath Associate Professor Jamal Institute of Management, Jamal Mohamed College(A) Tiruchirappalli. 2. Dr. M. Neela IIC Member, NSS Officer, Associate Professor Department of Business Administration | 71 | IQAC & IIC |

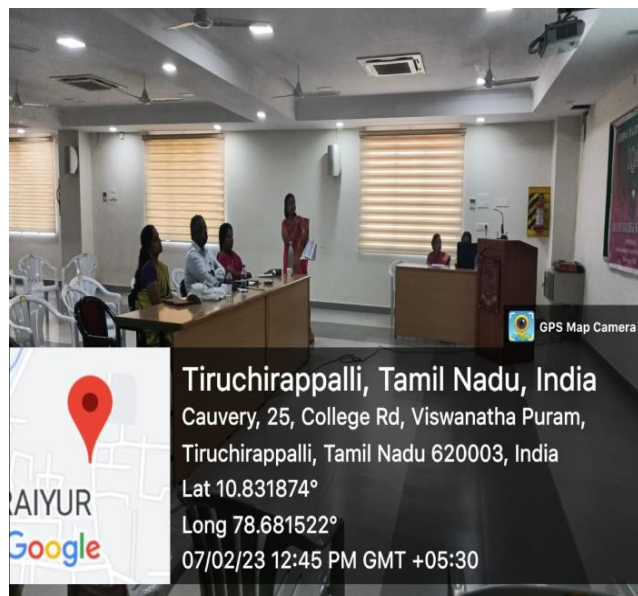
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| | | | <p>Cauvery College for Women, Tiruchirappalli.</p> <p>3. Dr. K. Veerakumar, Assistant Professor, Sakthi Institute of Information and Management studies, Pollachi.</p> <p>4. Dr. B. Augustine Arockiaraj Vice-Principal Assistant Professor of Commerce St.Joseph college, Autonomous Tiruchirappalli.</p> <p>5. Mr. R. Venkatesh, Faculty of Business Administration DG Vaishnav College, Chennai.</p> <p>6. Dr.Savitha Nair Dean GRG School of Management Studies PSGR Krishnammal college for women, Coimbatore.</p> <p>7. Dr.R.Murali, Assistant Professor, St.Joseph Institute of Management Jesutt Business School, St.Joseph college, Autonomous Tiruchirappalli-2.</p> <p>8. Dr.P.Mohammed Idris</p> | | |
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| | | | <p>Assistant Professor, PG and Research department of Business, Administration, Khadir Mohideen College, Adirampattinam.</p> <p>9. Dr.S.Najma, Assistant Professor, Department of Business Administration, Holy cross college, Autonomous, Tiruchirappalli.</p> <p>10. Dr.Kably P.Subramanian, Head-Faculty of Business Studies Arab Open University, Muscat,Oman. Adjunct Professor, VIT University, Chandigarh University India</p> | | |
| 12 | 15.02.2023 | International FDP- “Developing a Competitive Grant Proposal” | <p>Dr.K.Mohan Associate Professor School of Civil Engineering, VIT, Chennai</p> <p>Visiting Scientist Earth Planetary and Space Sciences department University of California Los Angeles USA</p> | 125 | IQAC & Department of Computer Applications |
| 13 | 17.02.2023 | Faculty Development Programme for Non Teaching Faculty “Millets for Healthy Life” | <p>1. Ms. S. Fathima Assistant Professor Department of FSM&D</p> <p>2. Ms. E. Agalya Assistant Professor Department of FSM&D</p> | 32 | IQAC & Department of FSM & D |



EXTERNAL PEER TEAM VISIT

The Internal Quality Assurance Cell (IQAC) of Cauvery College for Women(Autonomous), Tiruchirappalli-18 conducted External Peer team visit on 07.02.2023. Dr. D. I. George Amalarathinam, Bursar, Associate Professor of Computer Science, Jamal Mohamed College(A), Tiruchirappalli and Dr. R. Qurshid Begum, Additional Dean of IQAC, St.Joseph's College, Tiruchirappalli visited our campus for evaluation and rendered their valuable suggestions.



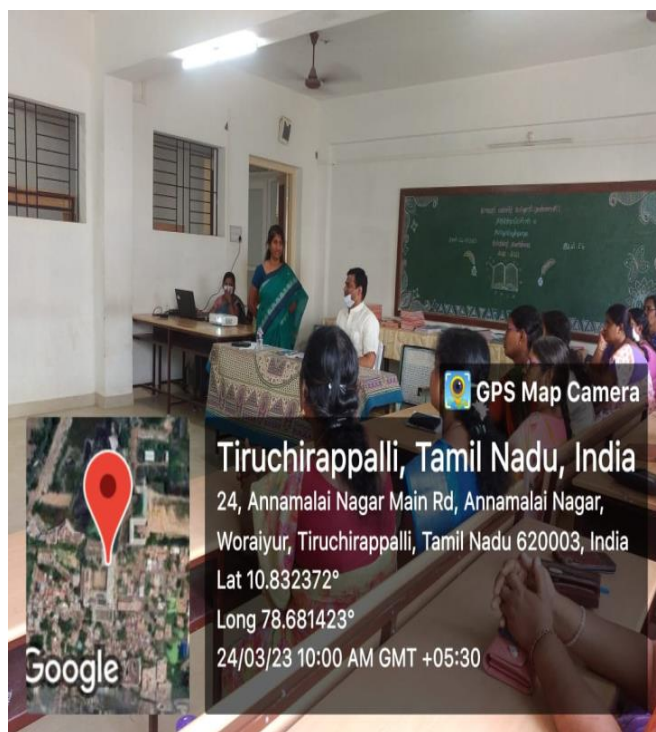
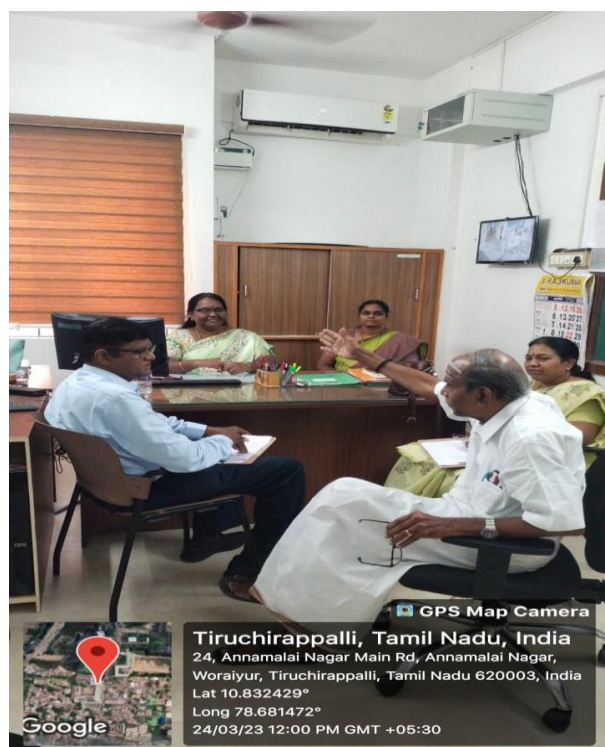
PRE AUDIT FOR ENERGY, GREEN AND ENVIRONMENT

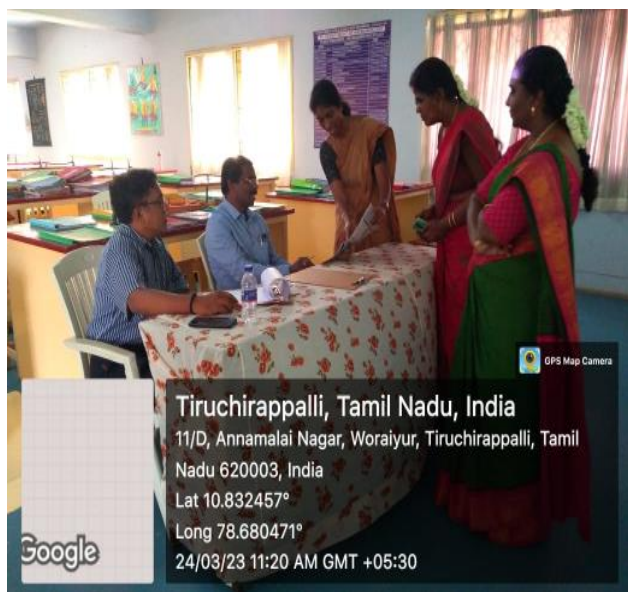
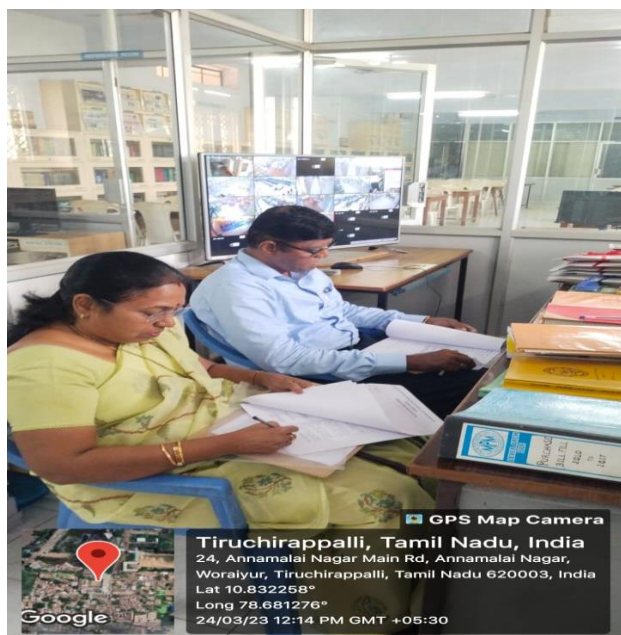
The Internal Quality Assurance Cell (IQAC) of Cauvery College for Women(Autonomous), Tiruchirappalli-18, initiated pre audit for Energy, Green and Environment Audits with the support of Dr. A. Alagappa Moses, Associate Professor & Head, Department of Environmental Sciences, Bishop Heber College, Tiruchirappalli- 620017. The audit reports and analysis were taken up for corrective and enhance measures by the institution.



EXTERNAL ACADEMIC & ADMINISTRATIVE AUDIT (2022-2023)

The External Academic and Administrative Audit of the college for the period 2022-2023 was conducted on 24.03.2023 by Internal Quality Assurance Cell. The External Academic and Administrative Audit of the college for the period 2022-2023 was conducted on 24.03.2023. Ten Academic external experts (four from the Faculty of Arts and six from the Faculty of Science) from neighbouring universities were invited and five teams were constituted. Dr. M. Ezhil Paramaguru, Assistant Professor, Department of Tamil, Thiagarajar College, Madurai – 625 009, Dr. S. Mekala, Associate Professor, Department of Humanities and Social Sciences, National Institute of Technology, Tiruchirappalli-620 015, Dr. M. Velavan, Assistant Professor, School of Management, Sastra University, Thanjavur -613 401, Dr. K.Maheswari, Head, Department of Mathematics, Kumaraguru college of Technology, Coimbatore- 641 049, Dr. P.U.Mahalingam, Professor & Head, Department of Biology, The Gandhigram Rural Institute (Deemed to be University), Gandhigram-624 302, Dr. D. Arvind Prasanth, Assistant Professor, Department of Microbiology, Periyar University, Salem-636 011, Dr.S.M. Rajendran, Principal Scientist, CSIR- CECRI, Karaikudi- 630 003, Dr. D. Nalini, Associate Professor and Head, Department of Chemistry, PSGR Krishnammal College for Women, Peelamedu, Coimbatore- 641 004, Dr. k. Karthikeyan, Associate Professor of Commerce, Dean and Controller of Examinations, Vivekananda College, Madurai- 625 234, Dr. R. Poonkothai, Librarian, Government Arts College, Tiruchirappalli-620 022 visited the Departments and evaluated the growth of respective departments.





OTHER ACTIVITIES CONDUCTED BY IQAC

| S.No | Topic | Date | Resource Person |
|------|---|------------|---|
| 1 | Orientation Session for - Google Career Certificate Scholarship Program | 24.06.2022 | NEERAJA GANESH Mentor & Consultant Aspire for Her Bangalore |
| 2 | Online Workshop on Intellectual Property Rights IPR, Patents & Design Filing | 19.09.2022 | Mrs Pooja Vishal Maulikar Examiner of Patents & Designs, RGNIIPM Nagpur |

| | | | |
|---|--|------------|--|
| 3 | ABC ID Creation- An Initiative for Students towards National Academic Depository | 20.03.2023 | Dr. N. Sivapriya Deputy Controller of Examinations Cauvery College for Women(Autonomous), Tiruchirappalli-620 018 |
|---|--|------------|--|



VALUE-ADDED COURSES

Cauvery College for Women (Autonomous), Tiruchirappalli-18, introduced 95 of value-added courses to enhance skills and employability of students. All Undergraduate and Postgraduate students were expected to enroll at least one value-added course during the academic year. Dr. S. Rameswari, Head and Assistant Professor, Department of Biotechnology was coordinator of the value-added courses. The faculty members from various disciplines were assigned as Course Instructors. Certificates were issued to students who successfully completed the courses.



RESEARCH AWARDS TO FACULTY

Research Council in collaboration with IQAC decided to grant of Research Awards to distinguished researchers in the college. Benchmarks and criteria were proposed to identify the deserving faculty who excelled in research. Dr. K. Kalaiarasi, Assistant Professor of Mathematics has been recognized as the Best Researcher with maximum publications in the Science stream for the year 2022. Dr. R. Meenakshi, Associate Professor of Physics has been recognized as the Best Researcher with maximum Citations in Scopus and Web of Science databases for the year 2022. Dr. S. Thamaraiselvi, Associate Professor of Management has been recognized as the best researcher for maximum publications in Arts stream for the year 2022.



SEED MONEY FOR RESEARCH

IQAC recommended research promotion initiatives among faculty members and provided seed money to the budding researchers. Research Advisory Committee received 61 proposals from various departments during 2022-2023. Among the 61 proposals submitted, after the review of the proposals from the appointed expert of the BOS member of various Departments, 24 proposals were selected and granted Rs. 20,000/- as initial grant. Based on the report of the pilot study, a second installment of Rs. 80,000/- has been sanctioned to the 11 faculty members.

CAUVERY COLLEGE FOR WOMEN(AUTONOMOUS)

TIRUCHIRAPPALLI-18

SEED MONEY SELECTION LIST(2022-23)

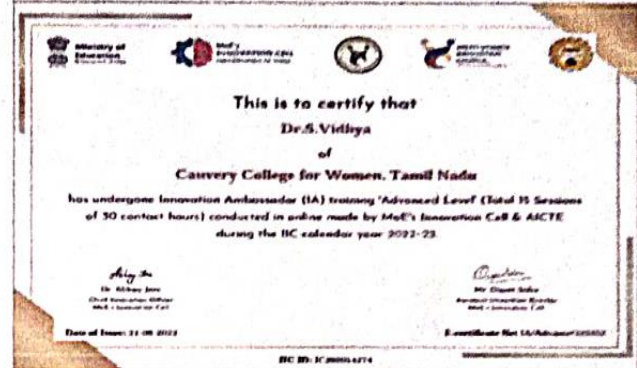
| S.N O | Name of the Department | Title of the Project | Principal Investigator | Designation | Co- Principal Investigator(s) | Project Amount(Rs.) |
|----------|---------------------------|---|------------------------|----------------------|----------------------------------|------------------------|
| 1. | TAMIL | Challenges encountered in Tamil language learning and teaching by English medium students in government and private | Dr. B. Kavitha | Assistant Professor | Dr.K.Rathika | Rs 20,000 |
| 2. | ENGLISH | Capacity Building and Empowerment of underprivileged students in learning Communicative English | Dr.R.Uma Maheswari | Associate Professor | Dr.Rita Shanthakumar | Rs 20,000 |
| 3. | BBA | The Impact of Social Media on College Students | Dr.M.Neela | Associate Professor | Dr.J.Tamilselvi | Rs 1,00,000 |
| 4. | COMMERCE | Perception of Digital Learning and Teaching aspects of Education -A Pragmatic Study | Dr. D.Ramya | Assistant Professors | Dr.S.Jayalakshmi | Rs 1,00,000 |
| 5. | SOCIAL WORK | Social Media usage among rural youth in Tiruchirappalli District | Ms.PL.Rani | Assistant Professor | Dr.G.Mettilda Buvaneswari | Rs 20,000 |

| | | | | | | |
|--------------|------------------------|--|----------------------|------------------------------|--|-------------|
| 6. | MATHEMATICS | The Gamma Knife Plan for managing Cerebral Arteriovenous Malformation(Avm) using Fuzzy Clustering Approach | Dr.K.Kalaiaarasi | Assistant Professor | - | Rs 20,000 |
| | | A Study on Different Types of Fibonacci Labelling for some Families of Graphs | Dr. V. Geetha | Associate Professor | Dr. P. Shalini Dr. S. Sasikala | Rs 20,000 |
| | | A Study on Different Types of Pell Labeling for some families of graphs | Dr.P.Shalini | Associate Professor | Dr.G.Janaki Dr.V.Geetha | Rs 20,000 |
| 7. | PHYSICS | Electrochemical Properties of Cerium Molybdate based composite as Electrode Materials for supercapacitor | Dr. S.Gowri | Associate Professor | Ms.J.Aarthi | Rs 1,00,000 |
| | | Synthesis And Characterization Of Ctab-Assisted ZrO_2 , V_2O_5 , ZrO_2 - V_2O_5 Nanocomposites Via Precipitation Process And Their Structural, Optical And Photocatalytic Activities | Dr.R. Mekala | Assistant Professor | - | Rs 1,00,000 |
| | | Investigation and modeling of polymer for Dye-Sensitized Solar Cell Application(DSSCs) - A DFT Study | Dr.G.Maheswari | Associate Professor & Head | - | Rs 1,00,000 |
| | | Tuning the optoelectronic Properties of natural Dyes for | Dr.R.Gayathri | Assistant Professor | - | Rs 1,00,000 |
| 8. | CHEMISTRY | Biogenic Synthesis of Silver Nanoparticles using Muntingia Calabura stem extract for Nitrophenol reduction | Dr.S.Devi | Assistant Professor | - | Rs 1,00,000 |
| | | Organometallic Arene Ruthenium(II) Complexes: Anticancer And Apoptosis Induction Studies | Dr. S. Saranya | Assistant Professor | - | Rs 20,000 |
| 9. | BIO-TECHNOLOGY | Green Synthesis of silver Nanoparticles Using Anona Muricata Plant Extract and Study their Anticancer Activity | Dr.R.Rameshwari | Assistant Professor and Head | Dr.M.Keerthiga | Rs 1,00,000 |
| | | Molecular Docking Studies On Major Active Phytochemicals Of Kabasura Kudeneer Against Sars & Mers 5 Covid Receptors | Ms. R. Nevetha | Assistant Professor | Dr.R.Uma maheswari Ms.P.Jenifer | Rs 1,00,000 |
| 10. | MICROBIOLOGY | Biofuel Production from the Fermentation of cellulosic waste using Bacterial Consortia | Dr.V.Aruna | Assistant Professor | Dr.S.Jeyabharathi Dr.N.Jeenathunisa | Rs 1,00,000 |
| | | In Vitro Cholesterol Assimilation And Functional Enzymatic Activities Of Lactobacillus Sp. | Dr. S. Jenny | Assistant Professor | Dr. N. Sathammai Priya Dr.E.Priya | Rs 1,00,000 |
| 11. | COMPUTER SCIENCE | Attack Specific Security Optimized RSA for IoT | Ms.R.Rita Jenifer | Assistant Professor | Dr. V. Sinthu Janita Prakash | Rs 20,000 |
| 12. | INFORMATION TECHNOLOGY | IoT based Home Automation | Dr.A.R.Jasmine Begum | Associate Professor | Dr.M.Parveen | Rs 20,000 |
| | | using NODEMCU | | | Dr.S.Latha | |
| 13. | BCA | Idiosyncratic Fuzzy Low – Energy Adaptive Clustering Hierarchy | Ms.R.Sridevi | Assistant Professor | Dr. V. Sinthu Janita Prakash | Rs 20,000 |
| | | An Enhancement Of Quality Of Service(QoS) In Internet Of Things (Iot) | Dr. K. Akila | Assistant Professor | - | Rs 20,000 |
| | | An efficient Context Aware energy and congestion aware cluster routing for internet of things | Ms.V.Yasodha | Assistant Professor | Dr. V. Sinthu Janita Prakash | Rs 20,000 |
| 14. | FSM | Development of Pumpkin seed based Peanut Butter | Ms.S.Fathima | Assistant Professor | - | Rs 20,000 |
| Total Amount | | | | | | Rs 4,80,000 |

Total Project Selected : 24

INNOVATION AMBASSADORS

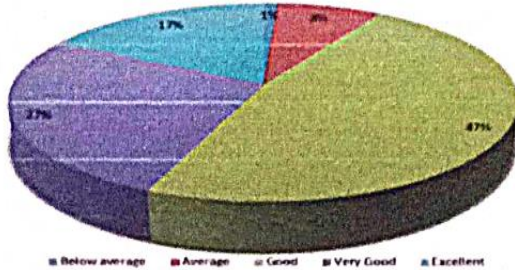
Faculty of the college underwent Innovation Ambassador training conducted by the Ministry of Education's Innovation Cell and AICTE for one month duration. Seven of the faculty qualified Innovation Ambassador at foundational level and Five of them qualified Advanced Level.



FEEDBACK

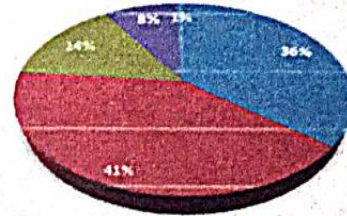
Feedback on various parameters were collected from students, faculty, alumni, Parents and employers which was given to Statistical analysis. The analysis reports were given to the academic Deans to be communicated to the respective Boards of Studies for further consideration. The analysis report was posted on the college website. Discussions regarding the recommendations and suggestions put forth by the stakeholders were taken up in the respective department councils and Boards of Studies based on the instructions given by IQAC. The proposed changes regarding the curriculum were discussed and ratified by the Board of studies and Academic Council. The summary and action taken report of the same was posted on the college website.

1. Curriculum ensures subject specific knowledge of local, regional, national and global development needs



4. Internship training gained by your ward through the institution.

கல்வூரி வாயிலாக மாணவன் பெற்ற வேலைவாய்ப்புப் பயிற்சியின் தன்மை



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