

IQAC - NEWSLETTER

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CHANDRAKATHI BIRTH CENTENARY



AN INSTITUTION BUILDER WHO TRANSFORMED
THE LIVES OF THOUSANDS OF WOMEN

Smt Chandrakanthi Govindarajulu – A Life Well Lived

EDITORIAL MESSAGE

As we commemorate the birth centenary of our revered founder Smt. Chandrakanthi Govindarajulu, we extend our heartfelt homage to this exemplary woman leader and philanthropist. A passionate advocate for humanity, she kindled the flame of knowledge among countless students, leaving an indelible mark on their lives. Her unwavering commitment to educating women has fostered an empowered generation that excels across various professions. Smt. Chandrakanthi, our guiding spirit, continues to shower abundant blessings upon the institution, propelling it forward to achieve numerous accolades. The college stands proudly as a prestigious educational institute of national significance, currently ranked 4th among colleges in India by the National Institutional ranking Framework(NIRF). This newsletter offers a glimpse into the notable achievements and activities undertaken. With steadfast support from the management, dedicated faculty members, and enthusiastic students, the college remains committed to ascending to the topmost position nationally and making its mark globally. This newsletter presents a comprehensive overview of developments across all domains. We invite you to delve into the pages and witness the strides we've made towards excellence.

Wishing you an insightful and enjoyable reading experience!

CELEBRATING EXCELLENCE: KCW EARNS WELL - DESERVED ACCOLADES FOR OUTSTANDING ACHIEVEMENTS



KCW has been ranked #4 among colleges in India in the National Institutional Ranking Framework 2024 (NIRF 2024) by the Ministry of HRD, Government of India on 5 June 2024.

Centre of Excellence for Apparel, Made-ups, and Home Furnishing



The Centre of Excellence for Apparel, Made-ups and Home Furnishing was inaugurated by Shri Atul Kumar Tiwari, IAS, Secretary, Ministry of Skill Development and Entrepreneurship, Government of India on 9 March 2024 at KCW through a grant of Rs. 1.5 crore for machinery and equipment. The space and infrastructure was provided by KCW to a tune of 2 crores. Shri Atul Kumar Tiwari, spoke about the digital transformation and technology development of India in the global arena. Padma Shri Dr. A. Sakthivel, Chairman, Apparel, Made-ups & Home Furnishing Sector Skill Council said women in skill training is on the rise. The objective of the centre is to enhance skill development through collaborative programmes for industry, academia and prospective customers.

DST CURIE

CURIE - Consolidation of University Research for Innovation & Excellence in Women Universities - Support for Women PG Colleges is an initiative of the Department of Science & Technology (DST) under the WISE-KIRAN division to encourage STEM education and research in Women's Post Graduation Colleges across the country. KCW has been granted the prestigious DST CURIE-PG 2023 grant for a period of three years. The eight participating Post Graduation Science departments, which include the Departments of Botany, Zoology, Biotechnology, Physics, Chemistry, Mathematics, Computer Science, and Data Analytics, will benefit from the grant.

INSPIRING CHANGE: A GLIMPSE INTO THE EXCITING NEW VENTURES AT KCW

Postgraduate programmes launched in this academic year:

- i. M.Sc. Fashion and Apparel Design
 - ii. M.Sc. Applied Psychology
 - iii. Master of Social Work (MSW) in collaboration with Madras School of Social Work
- Established a Cybersecurity Cell to strengthen the institution's commitment to digital security and information protection.
 - Inaugurated the KCW Teaching Learning Centre on 24 April 2023, with the primary focus on enhancing faculty capacity and competency building.
 - Implemented innovative teaching-learning methods, including participatory learning and peer learning.
 - Introduced Open Book Exams for selected core papers.
 - Integrated Coursera into the postgraduate programme, aligning it with the existing curriculum.
 - Encouraged aspiring students to launch start-ups through the Incubation and Start-up wing of CIIED.
 - Implemented blended mode of learning for selected courses across all undergraduate and postgraduate programmes to facilitate flexible and accessible learning.
 - Launched the DBT-BUILDER programme to promote interdisciplinary research in life sciences and enhance student skill sets through upgraded laboratories.
 - Established the Centre of Excellence for Apparel, Madeups, and Home Furnishing at KCW.
 - Established a Satellite Skill Centre sponsored by the Department of Science and Industrial Research (DSIR), Ministry of Science and Technology, at RWTP, Annur.
 - Launched the Chandrakanthi Centre for Women Leadership, Centre for Advanced Materials and Sustainable Technology, and GRG Incubator to nurture leadership qualities among women.

STUDENTS' FORUM ACTIVITIES

WHERE IDEAS MEET ACTION

Students' Forum Election

Students' Forum Election was held on 14 July 2023. The following students were elected as representatives:

President : Ms. D. Aarathi of III BA Economics
Vice President : Ms. R. Reshmi of III BCom SF
Fine Arts Secretary : Ms. V. S. Gayathri of III BCom BA
General Secretary : Ms. V. Sakthiha Sri of II BSc CS with Cognitive Systems

Inauguration of the Students' Forum



The inauguration of the Students' Forum was held on 20 July 2023. The Chief Guest, Mr. Jayaprakash Gandhi, a renowned Career Consultant, in his special address, underscored the importance of holistic education and the role of student initiatives in personal and professional growth.

Women in the Future of India: Interaction with the Hon'ble Finance Minister Nirmala Sitharaman



The Hon'ble Finance Minister, Smt. Nirmala Sitharaman, interacted with students on 3 October 2023, as part of the 60th year Diamond Jubilee Celebrations of the college. During the session, the Finance Minister addressed a wide range of questions raised by the students and spoke about government schemes aimed at alleviating poverty. This event provided a remarkable opportunity for both students and faculty to engage with the Finance Minister on various crucial economic and financial matters. Furthermore, the Hon'ble Finance Minister presented a replica of Chandrayaan to Government School students and also to students of KCW.

Chandrayaan Mahotsav



Students Witnessing the Remarkable Landing of the Vikram Lander and Pragyan Rover on the Lunar Surface

The **Chandrayaan Mahotsav** is significant as it stands as a reminder of the dedicated efforts of our great scientists at the Indian Space Research Organisation (ISRO). The Chandrayaan Mahotsav was organized by the Students Forum on 4 September 2023. Esteemed guests Dr. Madhavi Thakre and Dr. Senthil Kumar from ISRO gave a special address. The Chandrayaan Mahotsav was celebrated in a jubilant manner, with students enthusiastically participating in various events such as the Essay Writing Competition and Poster Making Competition on the theme of Space Science and Technologies.

EMBARKING ON NEW HORIZONS: OUR GRADUATES SHINE BRIGHT

Graduation Day



The **Graduation Ceremony** was held on **11 December 2023**, where 2416 students, including postgraduates and bachelors, graduated with flying colours. The Vice-Chancellor of Alagappa University, Dr. G. Ravi, distributed degree certificates to 1800 undergraduates and 570 postgraduates, including 46 rank holders. Principal Dr. P. Meena administered the pledge to the young graduates. Dr. Nandini Rangaswamy, Chairperson, presided over the ceremony. Addressing the students, Dr. Ravi emphasized that education is the most important tool to survive in the world and has the potential to provide solutions to all problems.

CELEBRATING A CENTURY OF VISION AND LEGACY

Founders Day and the Birth Centenary Celebration of Smt. Chandrakanthi Govindarajulu



GRG Trust, Coimbatore, celebrated its Founders Day and the Birth Centenary of the illustrious institution-builder Smt. G. Chandrakanthi at the KCW campus on 19 January 2024. Welcoming the gathering, Mr. G. Rangaswamy, Managing Trustee, said that Smt. Chandrakanthi stood committed to the empowerment of women through education, and the GRG Trust now rededicates itself to her cherished values. To commemorate her birth centenary, the GRG Trust launched three important projects: the “Chandrakanthi Centre for Women Leadership,” the “Centre for Advanced Materials and Sustainable Technology,” and the “GRG Incubator” to bring forth the leadership qualities among women and to foster and mentor new talents.

The chief guest of the function Dr Rajendra Singh, Founder, Tarun Bharat Sangh, Rajasthan, popularly known as the “Waterman of India”, spoke about the prevailing health and climate conditions, which are deteriorating. He further said that the time has come to fall back upon indigenous and native wisdom that will enable humanity to live in harmony with nature.



GRG Trust conferred the “Chandrakanthi Memorial Lifetime Achievement Award for Women” on Ms.Sunita Narain, Director General, Centre for Science and Environment, New Delhi, and the 'GRG Memorial Lifetime Achievement Award' on Mr.Randhir (Bittu) Sahgal, Founder Secretary of Nature Foundation, Mumbai.

Ms.Sunita Narain, in her acceptance speech, said that we are in difficult times. Nature is speaking back to us, telling us 'enough is enough.' That is why there are floods, droughts, landslides, wildfires, and so on. Only through education and courage could we rebuild nature and society and make both live in harmony.

Mr Randhir Sahgal in his acceptance speech said that he is deeply apologetic that his generation has not looked after the present generation well. Mr Sahgal added that when the future generation writes history, the present generation would be painted black for the unmindful exploitation of nature.

BRAND AMBASSADORS 2024



Ms. C. Girija
[MCA 1997-2000]
Founder and CEO Fintech start-up
PORUL, Bengaluru



Ms. Swarnalatha Ramachandran
[BSc Chemistry 1991-94]
Vice President, Magellan Healthcare,
Ohio, USA



Ms. T. S. Shobha,
[BSc Chemistry 1977-80 &
MSc Chemistry 1980-82)]
Retd. Deputy Director,
Human Space Flight Centre ISRO



The Colourful Mass Dance Ensemble Staged by 400 Students

ENERGIZING THE FUTURE: EMPOWERING YOUTH FOR CLIMATE ACTION

Conclave on Youth and Climate



PSGR Krishnammal College for Women, Siruthuli, and Poovulagin Nanbargal jointly organized the Youth and Climate Conclave on 20 January 2024. The conclave demanded comprehensive solutions as climate change poses a major threat to humanity. Recognizing the pivotal role of youth in combating climate change, the event highlighted their involvement as the crucial element for building a sustainable and resilient future. Eminent personalities such as environmental activist Mr. Randhir Sahgal, Founder of the Sanctuary Nature Foundation, Mumbai, and Dr. Rajendra Singh, Founder of Tarun Bharat Sangh, Rajasthan, shared their insights, guiding the youth toward environmental stewardship. Distinguished speakers, including Prof. S. Janakarajan, Ms. Kavitha Muralidharan, and Mr. J. Sathish, highlighted the vital role of youth in environmental protection and proposed innovative solutions. The conclave culminated in a valedictory address by Shri K. Shanmugasundaram, reflecting on the Government of India's initiatives and emphasizing the need to empower youth. Three hundred students from various colleges in and around Coimbatore participated. The conclave left a lasting impact on the empowered young minds, inspiring them to be agents of change for a brighter, more sustainable future.

REKINDLING CONNECTIONS: ALUMNI REUNION 2024 @ DUBAI

Purples Day 2024



The Alumni Meet Dubai Chapter Purples Day 2024 was conducted on 25 February 2024 at Mehman Restaurant, Asiana Hotel, Deira, Dubai. The Chairperson, Dr. R. Nandini, who headed the meeting, addressed the gathering and encouraged the alumni to renew their connection with their alma mater. Alumni spanning various academic disciplines reunited to reminisce about their shared campus memories. During the event, each alumna shared her success story and expressed her commitment to remain connected with the college. The Alumni meet proved to be a testament to the enduring power of shared experiences and the unwavering spirit of the alumni community.

IQAC ACTIVITIES

STRIVING FOR EXCELLENCE, EVERY STEP OF THE WAY

AQAR Submission

The AQAR for the academic year 2022-23 was submitted and the same was approved by NAAC on 14 February 2024.

Board of Studies meetings

The Board of Studies meetings for odd and even semesters for all boards were conducted from 19 to 25 June 2023 and from 10 to 25 November 2023 for this academic year. BoS was conducted to discuss the changes in the curriculum, syllabi, scheme of examinations, question paper pattern, and evaluation for both UG and PG programmes.

Academic Council

The 28th meeting of the Academic Council and the 29th meeting of the Academic Council were held on 9 August 2023 and on 24 January 2024 respectively to approve the changes made.

Student Induction Programme

The Student Induction Programme was held on 23, 26, and 27 June 2023. The Heads of the Departments and senior faculty members oriented the students about the facilities available, curriculum, co-curricular, and extra-curricular activities. Bridge courses were provided by the Departments of Mathematics, English, and Computer Science.

Faculty Induction Programme



The IQAC and HR department organized a Faculty Induction Programme on 28 August 2023. The primary objective of the programme was to familiarize the newly recruited faculty members with the college operations and ethos. A total of sixty-eight recently appointed faculty members actively participated in this enriching initiative.

Mentoring Workshop on Course Development in Swayam

The IQAC organized a one-day Mentoring Workshop on Course Development in Swayam on 08 August 2023. Dr. Padmavathi Ganapathi, Dean of the School of Physical Sciences and Computational Sciences, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore discussed the process of creating a Swayam course, covering content creation, organization, and course management. 30 select faculty members underwent the training.

The SDG Interface Competitions: Unlocking Action for a Better World



The IQAC organized the SDG Interface competitions from 12 to 14 August 2023.

Intra-college competitions titled 'Harnessing Ideas for Creating a Sustainable Future'

Intercollegiate competitions titled 'Harnessing Ideas for a Better Future'

PG & Research Scholars presented papers on the topic 'Research and Innovation for Sustainability'.

The prize winning team was awarded with cash prize.

I prize was awarded to team from Kongu Arts and Science College,

II prize was awarded to team from Government Arts and Science College, Thondamuthur,

III prize was awarded to team from Kumaraguru College of Liberal Arts and Science.

Faculty Development Programmes

Faculty Development Programme on “Empowering Academicians: AI-Powered Research for Excellence” on 3 October 2023 was organised by IQAC. Dr. M.Raja Rajeswari, Assistant Professor of Commerce, served as the resource person for the event. The FDP focused on enhancing the research capabilities of academicians.

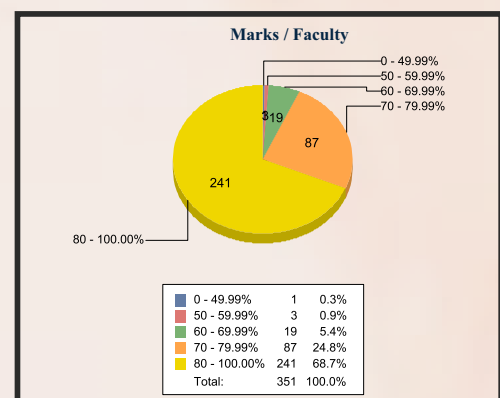
Faculty Development Programme on Stress Management on 4 October 2023 was organized by IQAC. Dr.A.Sangamithra, Professor of Economics and Dean of the Faculty of Arts at Bharathiar University, served as the resource person for the programme.

AWARENESS PROGRAMME

The NEP has given specific guidelines for incorporating IKS in higher education curriculum, as the nation has started to recognize the rich heritage of ancient and eternal Indian knowledge and thought as the guiding principle. With this in view, the IQAC of our college has devised this awareness programme on Opportunities in Reviving and Promoting the Indian Knowledge System. The resource person was Sh. Adinarayanan, the founder of Anaadi Foundation (anaadi.org) and Dharma Gurukulam.

STUDENTS' FEEDBACK REPORT ON TEACHING-LEARNING PROCESS

Based on feedback analysis, it has been found that the majority of the faculty members have scored between 80-100 grade points, indicating excellence.



GLOBAL PARTNERSHIP INITIATIVES: ENRICHING OUR INTERNATIONAL PRESENCE

- KCW signed an MoU with the University of Michigan Dearborn, USA on 16 March 2023 for offering MS Business Analytics programme.
- Dr. Clemens Arzt from HWR Berlin (Berlin School of Economics and Law) visited KCW on 12 May 2023 for discussions regarding potential collaboration between KCW and HWR Berlin.

IMMERSION PROGRAMMES



A group of 23 students attended a Student Immersion Programme at Asia Pacific University of Technology & Innovation (APU), Malaysia from 18-28 June 2023.



A group of 18 students attended the Global Summer School at Nottingham Trent University (NTU) during 17-28 July 2023.



A group of 22 students attended the Global Immersion Programme at the University of Western Australia from 19 January to 04 February 2024.

PARTICIPATION IN EDUCATION FAIRS

- Study in India (SII) education fair was scheduled in Sri Lanka during 4-6 March 2023: Dr. G. B. Sabari Rajan and Dr. M. Jayamala represented KCW at the event.
- Education Fair in Kerala, organized by ISE Event Management in April and May 2023.
- Dr. G.B. Sabari Rajan visited Tanzania 29-30 May 2023. During his visit, he counseled students interested in higher education in India. He also visited the Tanzania Commission for Universities and the University of Dar Es Salaam. He participated in the Tanzania Commission for University (TCU) education fair in Tanzania held during 17-22 July 2023.

Excelling Beyond Boundaries: Centres of Excellence at KCW

Centre for Innovation, Incubation and Entrepreneurship Development (CIIED)

The Centre for Innovation, Incubation, and Entrepreneurship Development (CIIED) organized over 30 programmes during 2023-24, including awareness sessions, E-talks, workshops, boot camps, expos, contests, and related events. These initiatives aimed to foster an entrepreneurial spirit among KCW students. The four wings of CIIED - ED Cell, Institute's Innovation Council, Campus Companies, and Incubation and Startup Centre conducted these programmes and identified students with potential for further development. Additionally, the Rural Women Technology Park (RWTP), the fifth wing of CIIED, conducted training programmes to empower rural communities, particularly women, promoting financial inclusivity and independence.

Centre of Excellence in Life Sciences

The Centre of Excellence in Life Sciences at KCW comprises the Botany, Zoology, and Biotechnology departments. The Centre is dedicated to advancing the frontiers of life sciences and improving human health and well-being through innovative research, education, and community engagement.

International Conclave on Antimicrobial Resistance



DBT-CTEP sponsored a Two-day International Conclave on Antimicrobial Resistance was conducted on 4 and 5 March 2024 by the Centre of Excellence in Life Sciences. The conclave highlighted the importance of the “One Health” approach and discussed the development of surveillance mechanisms to track the emergence and spread of resistant strains of bacteria and other microbes. Eminent Scientists, Professors, Doctors, and Entrepreneurs from India and abroad were the resource persons.

ACABC NODAL TRAINING INSTITUTE

KCW has been recognized as a Nodal Training Institute under the Agri-Clinics and Agri-Business Centres (ACABC) Programme, launched by the Ministry of Agriculture and Farmers' Welfare, Government of India, in association with NABARD. The Department of Botany, in association with ACABC Nodal Training Institute (KCW) & the National Institute of Agricultural Extension Management (MANAGE), organized a collaborative virtual session on the topic "Journey of Millets from Farm to Market: An Entrepreneurial Perspective" on 24-25 July 2023.

GRG BIRAC EYUVA CENTRE

BIRAC E-YUVA Centre was established in 2021 with support from BIRAC. This center acts as a pre-incubation space, providing infrastructure and equipment for basic research and experimentation by selected students. DST-FIST sponsored webinars on Antimicrobial Resistance were conducted by GRG BIRAC EYUVA Centre in association with the Department of Botany and the Centre of Excellence in Life Sciences (CoELS).

CENTRE FOR ADVANCED MATERIALS AND SUSTAINABLE TECHNOLOGIES (CAMAST)

Celebrating the visionary founder Smt. Chandrakanthi's birth centenary, the Centre for Advanced Materials and Sustainable Technologies (CAMAST) is established at KCW. CAMAST aims to serve as a dynamic hub for sustainable innovation, bridging academia and industry through collaborative partnerships. Driven by an interdisciplinary approach to materials research, CAMAST is dedicated to pushing the boundaries of knowledge with a profound societal impact. Structured into four interconnected divisions such as Energy Materials and Technologies, Environmental Materials and Sustainability, Health and Sensing Technologies, and Cross-cutting Initiatives, CAMAST aims to facilitate information exchange and collaboration. With CAMAST at its helm, KCW is poised to drive meaningful change through pioneering research, innovation, and impactful partnerships.

On the establishment of the Centre for Advanced Materials and Sustainable Technologies (CAMAST), the Departments of Physics and Chemistry jointly organized a Two-day National-level Workshop - "World Cafe" on 23 & 24 November 2023, facilitated by Prof. Tiju Thomas, Associate Professor, Department of Metallurgical and Materials Engineering, IIT-Madras, Chennai.

CHANDRAKANTHI CENTRE FOR WOMEN LEADERSHIP

The Chandrakanthi Centre for Women Leadership (CCWL) at GRG School of Management Studies is a tribute to the vision of Smt. G. Chandrakanthi, the Founder Trustee of the GRG Trust. CCWL is committed to shaping the trajectory of women from diverse backgrounds. By forging partnerships with national and international organizations, CCWL strives to realize a shared vision of inclusivity, gender equality, and empowerment. The establishment of CCWL is a step towards creating a more equitable and diverse society, where women can lead with confidence and purpose.

GRG INCUBATOR

CELEBRATING BUSINESS ACUMEN AND ENTREPRENEURIAL SPIRIT OF COIMBATORE

The innovative GRG Incubator has been launched to facilitate, nurture, and encourage start-ups in the biotech, sustainability, ITES and food industries. It is an initiative of the GRG Trust to mentor and foster start-ups providing them with the tools to grow and develop. It aims to support existing businesses and aspiring entrepreneurs to accelerate and establish their businesses.

GRG-ELGI DIGITAL INNOVATION DOJO CENTRE

The centre showcases the effective implementation of strong industry-academia collaboration. The centre is equipped with the necessary computational systems and software from ELGi, which can engage approximately 20 interns at any given time. The Dojo or learning centre embraces extensive and effective use of the agile scrum framework for project management and technology advancements. The interns will have the opportunity to work on technology platforms spanning Artificial Intelligence (AI), Machine Learning (ML), and Virtual/Augmented reality, along with Robotic Process Automation (RPA). The students will also be able to interact, learn, work, and be mentored by ELGi's industry leaders across the globe.



SKILL SATELLITE CENTRE SPONSORED BY DSIR

Skill Satellite Centre, sponsored by DSIR, was launched on 8 March 2024. The objective of the centre is to provide capacity building and promote entrepreneurship by offering incubation facilities, marketing support, financial linkages, and hand-holding, thereby improving the standard of living of rural women. The Skill Satellite Centre provides demonstrations and training in the preparation of value-added food products for special needs through extrusion technology and fortification of foods. In addition to imparting skills to the trainees, Entrepreneurship Development Programmes (EDP) are also organized to develop their entrepreneurial abilities, enabling them to establish and successfully run their enterprises.

EXPLORING KNOWLEDGE, NURTURING SKILLS: A GLIMPSE INTO DEPARTMENTAL ACTIVITIES

INTERNATIONAL SEMINAR



Department of English (Aided) organized an International Seminar on “Trauma Studies” on 6 October 2023. The Resource persons who chaired the sessions were Dr. Banibrata Mahanta, Professor, Department of English, Banaras Hindu University, Varanasi, Uttar Pradesh, and Dr. Gerd Bayer, Professor, Friedrich-Alexander University, Erlangen, Germany.



The Department of Computer Science PG conducted an International Seminar on “Crafting Research Proposal to Patent” on 17 August 2023. The Resource Persons were Dr. Kasturi Dewi, Faculty of Computer Science & Information Technology, Department of Information Science, University of Malaya, Malaysia, and Dr. K. Sumathi, Associate Professor & Head of the Department of Mathematics, KCW.



International Seminar on “Siddha Literature for People's Well-being” was organized on 26 February 2024 by the Department of Tamil in collaboration with Tholkappiyar Research Cell, Thirumoolar AayvuIrukkai, Pulam, Pannaatu Tamiliyal Aayvidhazh, Meyporul Kaanbadhu Arivu Kaalandidhazh, Sultan Idris University, Malaysia, and South Carolina Prana Science.

INTERNATIONAL CONFERENCE



The Department of Chemistry conducted a Two-Day International Conference on “New Materials for Industry and Medicine” sponsored by DST SERB & CSIR New Delhi on 30 & 31 January 2024. Professors from Universities abroad and National universities were the resource persons. Dr. Loganathan Veeramuthu, Research Assistant Professor, Institute of Organic and Polymeric Materials, National Taipei University of Technology, Taiwan; Prof. Paolo Sgarbossa, Department of Industrial Engineering, University of Padua, Padova, Italy; Dr. Shyam S. Pandey, Professor, Graduate School of Life Science System Engineering, Kyushu Institute of Technology, Japan and Dr. Mary Sajini Devadas, Associate Professor, Department of Chemistry, Towson University, USA were the Guest speakers from universities abroad.

NATIONAL SEMINAR

The Departments of Economics, History, English (SF), and Psychology (SF) jointly organized a National Seminar on “The Evolution of Global Economic Governance: G20's Role and Impact on Society” on 7 September 2023. Mr. Kirthish Jain, a Social Entrepreneur, Dr. T. Asokan, Associate Professor and Head, Department of History, Bharathidasan University, Dr. B. Padmanabhan, Associate Professor, Department of English, Bharathiar University and Dr. T. Jothimani, Assistant Professor, Department of Psychology, PSG College of Arts and Science, chaired the sessions and delivered lectures.

NATIONAL CONFERENCE

The Department of Business Administration at KCW organized a National Conference on “Sustainable Business, Centred on Transitioning towards a Circular Economy” on 15 September 2023. The conference provided a vibrant forum for knowledge sharing in the area of sustainable business practices. Chief Guests were Dr. Kiruba Krishnaswamy, Assistant Professor, Food Systems Engineering, University of Missouri, Columbia; Dr. P Gayatri Hela, Founder, and Managing Director, Reseda life sciences Pvt Ltd, Bengaluru; and Ms. Divya Shetty, CEO, Infinite Cercle (Cercle X).



National conference on “ARIVUDAIMAI” - A Key for Knowledge was organized by the Department of B.Com PA in collaboration with ICAI, Coimbatore and SICASA, Coimbatore. Practicing Chartered Accountants CA S D Balasubramanyan and CA S Rajesh delivered a special address. Practicing Chartered Accountants CA D Nagakumar and CA Rahul Chandrasekaran as Guests of Honor shared their experiences and wisdom with the audience.



The Department of Commerce, B.Com (CA), and B.Com (e.Com&SF) jointly with ACCA organized the National Conference on “AI and RPA Revolution: Accelerating Business Boundaries” on 23 February 2024. Dr. Kaushik Hatti, Chief Data Scientist, Rezilyens LLC, Bengaluru, inaugurated the Conference, and Mr. Jai Aravind, Founding Member, Personate.ai, Bengaluru, delivered the valedictory address.

NATIONAL WORKSHOP



The Department of History and the Department of Library jointly organized a National Workshop on the topic “Research Revelations in Social Sciences” on 9 February 2024 in the hybrid mode. Dr. J. Muthukumar, Associate Professor, PG & Research Department of History, Rani Anna Government Arts College for Women, Tirunelveli, delivered the lecture on “Unveiling the Nuances of Research” through online mode. Dr. P. Ganesan, Librarian, Central Library, Alagappa University, Karaikudi, delivered the lecture on the topic “Research Methods in Social Sciences.”

(SEPA) NATIONAL EVENT

KCW joined hands with the Sustainability and Energy Practitioners Association (SEPA) to host National Event focused on “Sustainability India 2023”. The Department of Physics organized the SEPA event “Advanced Clean Energy Workshops & National Solar Competition” on 24 & 25 July 2023.



The event featured distinguished guests including, Kranthi Kumar Pati, District Collector, Raguram Arjunan, President, SEPA, Sivalingarajan, Ex-Director Distribution, TANGEDCO, Anand, Ex-Director Transmission and System Operations, Kerala State Electricity Board (KSEB), Aravind Kumar Chandiran, Head, Center for Photo and Electro-Chemical Energy Science, IIT Madras, and Anil Pillai, Ex-Deputy Chief Engineer, KSEB.

SCIENCE ACADEMIES SPONSORED TWO-DAY NATIONAL WORKSHOP



The Department of Chemistry conducted a Science Academies sponsored Two-day National Workshop on “Nanoscience & Nanotechnology: Multifarious Applications” on 22 & 23 June 2023. The resource persons were Dr. A.K. Mishra, Professor, Fellow-National Academy of Sciences India, Department of Chemistry, IIT Madras, Chennai, Dr. P. Ramamurthy, Professor, Fellow-National Academy of Sciences India, Department of Chemistry, University of Madras, Chennai,

Dr. Sivakumar Shanmugam, Associate Professor, School of Chemistry/Organic Chemistry, Madurai Kamaraj University, Madurai and Dr. Shanmugaraju Sankarasekaran, Assistant Professor, Department of Chemistry, IIT Palakkad.

ONE DAY INTERCOLLEGIATE WORKSHOP



The Department of French organized a two-day event “FONETIKATHON 2023” on 26 & 27 September 2023. It was a National-level First Accent Neutralization workshop in India for French students, also celebrating the European Day of Languages. Thirty students from various colleges participated in this event.

FACULTY DEVELOPMENT PROGRAMME

A one-day international FDP for French teachers was held on 27 September 2023. The Resource Persons were Dr. Arunkumar Santhalingam, Master Teacher Trainer, President, AIFPRO, India; Annick Hatterer, Délégué pédagogique, CLE International, France; and Jacques-Olivier Amberg, President, LUDO-VIC SAS, France. 23 faculty members from various schools and colleges participated in the International Faculty Development Programme and enhanced their skills.



The Department of Hindi conducted an FDP on 28 December 2023 on the topic “Role of Grammar in Hindi Language Teaching.” The chief guest, Dr. Ram Kumar Mishra, AGM & SME HUB Head, UCO Bank Zonal Office, Coimbatore, gave the inaugural address. 55 Faculty Members from other colleges participated.

FACULTY EXCELLENCE: CELEBRATING ACHIEVEMENTS AND CONTRIBUTIONS



Dr. N. Muthulakshmi Andal, Associate Professor, Department of Chemistry, received “Research Excellence Award” at the International Research Awards on Science, Technology and Management – INSO, hosted by VDGGOOD Professional Association, India on 24 June 2023.

→ “Outstanding Professor Excellence Award 2023” at AGRI INNOVA 2023, the International Conference on Recent Innovations and Technological Advancements of Agriculture, Horticulture, Agricultural Engineering, Sericulture, Food Science, Biotechnology, and Rural Entrepreneurship 2023 on 12 August 2023.



Dr. V. Dhanabagyalakshmi, Assistant Professor, Department of Tamil, was honoured with

→ “Academic Excellence Award” on 05 September 2023 by Malaysia Bharathi Creative Channel and Sanjana Educational Foundation

→ “Kalvi Chemmal Award” on 05 October 2023 by Tamil Nadu KalaiIlakkiya Perumandram and Sanjana Educational Foundation.



The “Best Nature Conservation Award” was bestowed upon the Eco Watch Club Coordinators, Dr. P. Susheela, Associate Professor of Zoology, Dr. L. Sheeba, Assistant Professor, Department of BCA, and Dr. R. Sumathi, Associate Professor of Botany, by the Nature Conservation Society, Coimbatore (NCS), and WWF India on 07 August 2023.



Mrs. C. Jeevitha, Assistant Professor & Head of the Department of French, received the esteemed “Le Prix d'excellence pour l'enseignement du français 2023 en enseignementsupérieur” (Award for Excellence in the teaching of French 2023 in higher education for the South Zone).

This prestigious award was officially presented by Madame la Consule Generale de France, Pondichery Lise Talbot Barré, on the International Day of Teachers of French on 18 November 2023.

EXCELLENCE RECOGNIZED: CELEBRATING OUR COLLEGE'S ACHIEVEMENTS AND HONOURS

ICT ACADEMY AWARDS – SEPTEMBER 2023

In the 51st edition of ICT Academy Bridge 2023 held in Coimbatore on 7 September 2023, KCW emerged as a prominent achiever, securing numerous awards.



KCW has been honoured with the award for 'Most Engaged Institution of the Year 2023' for its active participation in the initiatives of ICT Academy. Additionally, KCW was recognized as an Academic Partner, in appreciation of its continuous support and participation in ICT Academy activities.



Dr. S. Karpagavalli, Associate Professor and Head of the Department of Computer Science (UG), has been selected as the Best Coordinator in recognition and appreciation of her distinguished performance in the role of ICT Academy Coordinator.

UIPATH ACADEMIC ALLIANCE AWARD



KCW received the “Partner of the Year - Curriculum Integration” award at the UiPath Academic Summit 2024 in Bangalore. Certificates of Recognition were given to Dr. S. Karpagavalli, Associate Professor and Head, and Mrs. S. Ponmalar, Assistant Professor, Department of Computer Science (UG), on behalf of the award-winning team from KCW.

NASSCOM AWARD



KCW received the SSC NASSCOM Skilling Award at the NASTech 2023 event held at ITC Grand Chola, Chennai, on 22 November 2023, for achieving the highest number of sign-ups in Tamil Nadu. Dr. P.B. Harathi, Vice Principal and Dr. G. Sophia Reena, NASSCOM coordinator and Head of the Department of Information Technology, received the award.

UIPATH STUDENT CHAMPION 2023-24



Annapoorani K V, a student of III BSc Cognitive Systems, was selected as a UiPath Student Champion for the year 2023-24. After a rigorous selection process from over 1000+ nominations and applications, 100 exceptional individuals were handpicked. This group exemplifies diversity with 48 women and 53 men champions, all showcasing exceptional talent in software automation. Hailing from 13 countries, they represent a global spectrum of innovation and skill.

COFFEE WITH THE COMMISSIONER OF POLICE



The students from the Department of Computer Science with Cyber Security attended the event “Coffee with the Commissioner of Police” on 12 January 2024, at the Commissioner's Office in Coimbatore. During the event, the students had the opportunity to interact with the Commissioner of Police, Coimbatore city. Ms. P. Kalaivani from II BSc Computer Science with Cyber Security received recognition for posing the most exemplary questions.

VICTORY IN MOTION: CELEBRATING OUR SPORTS CHAMPIONS!

Our Sports students have won 120 Medals in total including 12 Medals at International Level, 16 Medals at National Level, 26 Medals at State Level, and 66 Medals at District Level during the academic year 2023-2024:

- 53 Gold Medals in total including 6 Gold Medals at International Level, 5 Gold Medals at National Level, 13 Gold Medals at State Level, and 29 Gold Medals at District Level.
- 33 Silver Medals in total including 1 Silver Medal at International Level, 5 Silver Medals at National Level, 7 Silver Medals at State Level, and 20 Silver Medals at District Level.
- 31 Bronze Medals including 3 Bronze Medals at International Level, 6 Bronze Medals at National Level, 6 Bronze Medals at State Level, and 16 Bronze Medals at District Level in the sport events such as Athletics, Shooting, Basketball, Chess, Wushu, Karate, Silambam, Taekwondo, Boxing, Handball, Roll Ball, Table Tennis.

BEST ACHIEVEMENT



Ms. Vergin, II MBA, was chosen as one of the Best Four Sports Students in Tamil Nadu and received a government posting at the GST Sector from the Honourable Sports Minister of Tamil Nadu Thiru. Udhayanidhi Stalin.

OUR SPORTS CHAMPIONS



Ms. G. Mothika of II BA English Literature showcased unparalleled talent and brought glory to India by securing 2 Gold Medals in the International Martial Arts Festival, excelling in both the Silambam - Single Stick and Fighting events held at Pondicherry.



Ms. B. Neenashree of I BCom proudly represented India and achieved remarkable success at the International Martial Arts Festival in Pondicherry, clinching 1 Gold Medal and 1 Bronze Medal in the Silambam - Single Stick and Fighting events.



Ms. C. Visalini of II BA English showcased exceptional talent on the global stage, securing Gold Medals in two prestigious championships. Representing India, she triumphed in the International Youth Silambam & Karate Youth Games Championship 2023, claiming victory in the Silambam - U - 19yrs Single Stick event held in Bangalore. Additionally, representing Tamil Nadu State, she achieved further glory at the 14th National Youth Games Championship 2023 in Goa, triumphing once again in the Silambam - Single Stick event.

IN THE NATIONAL LIMELIGHT: NCC AND NSS STUDENT TRIUMPHS!

Sgt. Amrit Mel L of II BCom A, F/C Raksha Bijulal and F/C Trisha S of II BSc Zoology participated in the Republic Day Camp.



Sgt Amrit Mel. L of II BCom honored by the Hon'ble Prime Minister Shri Narendra Modi

Sgt. Amrit Mel L, NCC Cadet pursuing second-year bachelor's degree in Commerce, clinched a Gold Medal in the All India Best Cadet- Senior Wing Army Category and received the prestigious Baton of Honour from the Prime Minister during the PM Rally event at the Republic Day Camp 2024 in Delhi.



Sgt Amrit Mel L during an interaction with the Hon'ble Defence Minister ShriRajnath Singh



F/C Raksha Bijul of II BSc Zoology with Lt. General Gurbirpal Singh, the Director General of NCC



F/C Trisha.S of II BSc Zoology at RDC Delhi



NSS volunteer Sangamithirai S K of II BSc Mathematics attended the National Republic Day Parade Camp in Delhi. She marched on the Kartavya Path on 26 January 2024, in the presence of the Hon'ble Prime Minister and President of India.

STATE REPUBLIC DAY PARADE



Nathezthha G of II BSc CS (AI) participated in the State Republic Day Parade 2024 at Marina, Chennai.



Sgt. Swetha M of II BA History, F/C Priyadarshini U of II BA Economics participated in the State Republic Day Parade 2024 at Marina, Chennai.

HONOURING NCC - NSS ACHIEVERS



NCC and NSS achievers were honored by our Chairperson Dr. R. Nandini. Amrit Mel was gifted with a Gold Coin and other Cadets with wrist watches

CUO Parvati of III BA History SUO Mahadevi of III BA Economics CUO Karthika CB of III BA Economics , CUO Sastegaa of III BA Economics NCC Cadets received Tamil Nadu Government Scholarships (Rs 5000 each) under Outstanding NCC Cadets category

NATIONAL ADVENTURE CAMP 2023



NSS Volunteer, Ms. G. Nathezthha, II B.Sc. CS (AI), attended the 10-day National Adventure Camp 2023 from 5 to 12 December 2023 at the AtalBihari Vajpayee Institute of Mountaineering and Aerial Sports in Manali, Himachal Pradesh. The team met the Honourable Minister Anurag Singh Thakur, Ministry of Sports and Youth Affairs, at ShashtriBhavan, New Delhi.

NATIONAL YOUTH FESTIVAL 2024



Shri Dharshini T, II BA Economics, attended the National Youth Festival 2024 organized by the Ministry of Youth Affairs and Sports from 12 to 16 January 2024 , at Nashik, Maharashtra. The theme of the National Youth Festival this year was "MY Bharat-Viksit Bharat@2047: By the Youth, For the Youth".

CELEBRATING UNITY IN DIVERSITY: CULTURAL GALA AT KCW

ADHYAYAM'23 (FRESHERS DAY)



The Fine Arts Association hosted a vibrant Freshers Day Celebration named “ADHAYAM 23” on 22 August 2023 to extend a warm welcome to the first-year students.

KARISHMA - INTERCOLLEGIATE CULTURAL FETE



Karishma, the intercollegiate cultural fete, was held on 10 February 2024 with a plethora of cultural events and competitions both on and off stage, based on the theme “Shaping Destiny - Celebrating Talents.” The proceedings commenced with the enchanting melodies of Mr. Sam Vishal J.X., the II Runner-up title winner in Super Singer. Actor Ms. Akshaya Udayakumar, a social media influencer and distinguished alumna of the institution, was the chief guest for the valedictory.

EVANZA' 24



Evanza' 24, a fashion show, was held on 1 February 2024. The attire show exhibited more than 200 exclusive garments in 15 rounds, crafted by the students of B.Voc. Garment Designing, BSc Costume design and Fashion, PG Fashion and Apparel Design, and Community College.

CLUB LIFE IN ACTION: A GLIMPSE INTO OUR VIBRANT ACTIVITIES

NSS CAMP



Medical Camp

Wealth out of waste

The NSS of KCW organized the NSS Special Camp 2023-24 in the adopted villages of Vellanaipatti, Aandakkapalayam, Serayampalayam and Kaikolapalayam from 23 to 29 February 2024. Activities included science and Internet of Things exhibitions, engaging around 150 school students. A General Medical Camp provided free eye tests, blood pressure checks, sugar level tests, and general check-ups to villagers. A session on tailoring featuring live crocheting demonstrations was conducted to promote rural women's financial independence. Students were taught computer basics and awareness on cybersecurity was given. 'Wealth out of Waste' an event showcasing creations from recycled materials was held. An awareness session on dengue prevention and management was provided to the villagers. The camp provided diverse insights into personal development, skill-building, and societal awareness among the villagers.

CLEANLINESS DRIVE



The NSS volunteers of KCW participated in the cleanliness drive organized by the Yi Club of Coimbatore in and around the forest areas of Mankarai and Anaikatti. The drive was conducted on account of World Environment Day on 5 June 2023 with the theme “Solutions for Plastic Pollution”.

MEGA TREE PLANTING



Ecowatch Club of KCW, in collaboration with Roxity Rotary Society Karanampettai, organized a “Mega Tree Planting Ceremony” on 5 August 2023 at Vishnu Vanam Botanical Garden in Karadivavi. 352 Ecowatch Club students, along with 5 faculty members, enthusiastically participated in the event. Following this, the Ecowatch Club, KCW, joined hands with Pallapalayam Municipality Pasumai Vanam, Sulur Town Lions Club, and OTPW Foundation for another “Mega Tree Planting Ceremony” on 23 August 2023 at Valam Recovery Park, Pallapalayam. This eco-friendly initiative highlighted the community's commitment to environmental conservation.

INTERNATIONAL YOGA DAY



Yoga Club of KCW organized a Mass Yoga Demonstration on the occasion of the International Day of Yoga on 21 June 2023. Dr. Indujaa Ravikulathilakam, Lecturer and Medical Officer at Nandha Naturopathy Medical College of Yogic Sciences, Erode, was the Chief Guest. Around 200 students participated and performed basic asanas at the Golden Jubilee Auditorium.



The Yoga club students of KCW participated in the National Level Yogasana Championship held at Suguna College on 2 January 2024 and won the Overall Championship Trophy. Ms.Pooja Pattu of II BSc Garment Design won the National Level Yoga championship. Around 1200 students from various states participated in the event, in which 8 students from our college's Yoga club won the 1st prize and 8 students won the 2nd Prize.

ANTI-DRUG AWARENESS RALLY



The Lions Club of Coimbatore Akshayam and CSW Foundation jointly organized an anti-drug awareness rally on 27 September 2023, at VOC Ground, Coimbatore. The NSS Units, Lions Club, and Eco Watch Club of KCW took part in the rally. The chief guest of the event was Mr.Kranthi Kumar Pati, IAS, District Collector of Coimbatore, and the special guest was Mr. V Balakrishnan, IPS, Commissioner of Police, Coimbatore.

BLOOD DONATION CAMP

The NSS Units and UYIR Club of KCW, in collaboration with the Rotary Club of Coimbatore Uptown, organized a blood donation camp and health awareness program on 6 October 2023. About 150 students and faculty members were interested in donating blood, and 36 units of blood were collected. The blood was donated to the Indian Medical Association Blood Bank.

MILLETS FOOD FESTIVAL



On 15 December 2023, the Civil Supplies Department orchestrated a Millets Food Festival at the Collectorate complex in Coimbatore. The event featured a competition involving Consumer Club students from 20 colleges, wherein KCW secured the third position, earning a cash prize of Rs. 3,000.

LEGAL AWARENESS PROGRAMME



On 6 January 2024, Consumer club organized a practical session on the topic “Navigating the Online Consumer Court Complaint Filing Process”. The guest lecture by Mr. M. Pranov Vishnu Arjun, Assistant Professor, Government Law College, Coimbatore, gave step-by-step guidance and insights into the online filing process for consumer cases. The lecture underscored the importance of consumer rights and the role of online platforms in providing accessible avenues for grievance redressal.

HEALTH CAMPS



The Department of Food Processing Technology and Management and the Centre for Women's Studies jointly organized a health camp for women, along with a health awareness talk in collaboration with Hindusthan Hospital on 15 September 2023. This event was conducted during the National Nutrition Month - MITAHARA 2k23. Dr. M. Senthilkumar, Consultant physician, and chief diabetologist, Hindusthan Hospital, was the resource person. In the health camp, about 190 faculty and non-teaching staff members were provided with health awareness and health screening. The camp promoted well-being and fostered a sense of responsibility towards one's health. Participants gained knowledge about their health status and received valuable guidance from healthcare experts.

FIRST AID PROGRAMME



First Aid Training was conducted by Youth Red Cross of KCW on 8 August 2023. Dr. Shameem Akthar, MBBS Senior Medical Officer, Department of Community Medicine, PSG Urban Health Training Centre, PSG IMSR, gave a detailed account of first aid training. Dr. Shameem Akthar briefed on quick assessment, proper injury management, and the ability to provide immediate assistance, reducing harm and potentially saving lives before professional medical help arrives.



Rotaract Club of KCW organized an event "LIFE SAVER," a first-aid training session on 13 September 2023. Mr. Vengadesan, Project Officer and Trainer from NGO Alert, Coimbatore, equipped students to deal with a variety of medical crises, ranging from minor injuries like cuts, scrapes, and burns to catastrophic injuries like fractures and cardiac arrest.

BOOK FAIR & DONATION DRIVE



Mega Book Fair and Book Donation Drive were jointly organized by the Department of Library, English (SF), History, and NSS on 6 and 7 February 2024.

KCW CLUB ACHIEVEMENTS: A GLITTERING SHOWCASE OF EXCELLENCE!

BEST NSS UNIT AWARD 2023



- ➔ NSS Programme Officers Dr. K. Suguna and Dr. K. Girija receiving the Best NSS Unit Award with their team
- ➔ The NSS volunteers of KCW actively participated in the 78th Independence Day Celebration and the 23rd anniversary of The Sacrifice Friends Club on 15 August 2023. KCW was honoured at the event with the Best NSS Unit Award.

KCW RECOGNIZED AS YUVA FAVOURITE INSTITUTION



YUVA Faculty Coordinators of KCW Awarded for their Significant Work

Yi-Yuva Annual Day was hosted on 06 December 2023. Mr. K. Gunasegharan (Director, eCAPS Computers India Pvt. Ltd.) was the chief guest. In this event, KCW was recognized as the Yuva Favourite Institution; Yuva faculty coordinators of KCW were awarded for their social acumen, significant work, and contribution to the initiatives of Young Indians Coimbatore - Yuva Vertical.

UYIR CLUB



Uyir club Students of KCW awarded by the Commissioner of Police, Coimbatore

The Uyir club of KCW and DJ Academy conducted an online design hackathon competition on 18 and 19 November 2023. Our college student team, Anuprabha R III B.Sc Mathematics, Annamika P III B.Sc. Computer Science with AI, and Haritha S P II B.Com (e-Com), secured the first place in the state-level Hackathon and received the award from the Commissioner of Police, Coimbatore.

UNLOCKING THE FUTURE: PIONEERING RESEARCH AT KCW

Faculty and scholars have been strongly encouraged to pursue their research endeavours with the generous funding support provided by the GRG Trust. This initiative aims to foster a vibrant culture of academic exploration and innovation, empowering faculty members and scholars to delve deeper into their areas of expertise and contribute to their respective fields. The GRG Trust's funding support serves as a catalyst for groundbreaking research, enabling faculty and scholars to make significant strides in their academic pursuits and advance the frontiers of knowledge.

Number of GRG Trust projects : 24 (Total amount: 22.25 Lakhs)

Number of GRG Trust scholarships : 18 (Total amount: 6.10 Lakhs)

Faculty members are working on various Government Funded Projects worth Rs. 750.68

Research Grants Received: 7

Department	Name of the Investigator	Title of the Project	Duration	Amount in Laksh	Funding Agency
Zoology	Dr.P.B. Harathi	Skill Satellite Centre under TDUPW programme of A2K+ Scheme of DSIR	2023-2026	63.14	DSIR
Mathematics	Dr. G. Arthi	Mathematical analysis and control synthesis of fractional-order differential equations	2023-2025	18.42	SERB
Physics	Dr. N. Priyadharsini	Collaborative Research Scheme (CRS) Project of UGC-DAE CSR	2023-2024	0.45	UGC-DAE CSR
Computer Science PG	Dr. M. S. Vijaya	Financial approval for the project proposal entitled "A report on ICT Tools Catering to wide range of learners, including children with special needs" by PSGR Krishnammal College for Women, Coimbatore under A2K+ Studies programme of DSIR.	2023-2024	9.66	DSIR
Commerce	Dr. G. Kavitha & Dr. B. ThulasiPriya,	Financial Viability and Economic Empowerment of Women Entrepreneurs- An Empirical Study of Select Government Schemes	2023-2024	4.5	ICSSR
CDF	Dr. R. Shanthi	Intimation of Approval of Education Application under NTTM	2023-2025	45	NTTM
Economics	Dr. Athena as a co-investigator in collaboration with Dr. Shilpa Jain, Guru Gobind Singh Indraprastha University, Delhi	"Socio-economic Impact of BetiBachaoBetiPadhaoScheme: A Study of Select Locations"	2023-2024	16	ICSSR

Innovators Extraordinaire: KCW's Patent Holders Leading the Way



Twelve Design Patents were granted to the Faculty and Students of KCW

Name of the Inventor	Department	Title of the Innovation
Mrs. S. Ponnmalar, Assistant Professor, Department of Computer Science. Deepika L S III BSc CS	Computer Science	Solar Power Bank cum Torch
Dr. G. Sophia Reena, Associate Professor and Head, Department of Information Technology. Vasanatha Rohini M, III BSc IT, Sri Keerthana K, III BSc IT	Information Technology	Environment Monitoring Device for Industries.
Dr. N. Priyadharsini, Associate Professor, Department of Physics Radhai E, II MSc Physics	Physics	Conveyor with Sensors to Segregate Fruits
Dr. G. Archana, Assistant Professor, Department of Biotechnology	Biotechnology	Convective Heated Rotatory Drum Dryer for Drying Solid Food Waste to prepare manure
Dr. R. Kowsalya, Assistant Professor and Head, Department of Computer Science PG Nivetha S, MSc CS Suhita S, MSc CS	Computer Science	Data Processing System for Locating Exam Hall
Dr. R. Yamuna, Assistant Professor, Department of Zoology S. Dhanasubashini, II MSc Zoology	Zoology	Portable Compost Container
Dr. K. Sathiyakumari, Assistant Professor, Department of Information Technology Varsha Venkatesh, III BSc IT	Information Technology	Wearable Ring with Safety Tracker and Alert System
Dr. M. Rajeswari, Assistant Professor, Department of Computer Science Divya S, III BSc CS	Computer Science	Toy ATM Machine
Mrs. G. Rubadevi, Assistant Professor, Department of Information Technology Narmadha N M, II BSc IT Prithika P, II BSc IT	Information Technology	Biometric Ignition Switch Assembly for Vehicles
Dr. M. Sasikala, Assistant Professor Department of Computer Science Sweetha M, II MSc CS Deepika M, II MSc CS	Computer Science	3-Phase Smart Wifi Wattmeter
Dr. Jeevitha R, Assistant Professor, Department of Information Technology Renuga Devi C, II BSc IT, Nivetha R, II BSc IT Rubiga P, II BSc IT	Information Technology	Autonomous Robotic Vehicle for Towing Carts
Dr. N. Priyadharsini, Associate Professor, Department of Physics MithraPratikha J, II BSc Physics Naviyasri G, II BSc Physics Saratha S, II BSc Physics	Physics	Solar Powered Sensor to Test Soil Profile
Dr. R. Dhivya, Assistant Professor	BBA	Farm Analysis Machine

RESEARCH PUBLICATIONS

Our faculty have published an impressive total of 133 publications in Scopus Indexed journals, a testament to their dedication to scholarly excellence. These contributions stand as pillars of knowledge, enriching the academic landscape and shaping the discourse in their respective fields.

S.No	Authors	Title	Year	Source title	Volume	Issue
1.	Suvarna K. Shanjitha S. Selvasekarapandian S. Kirubavathy S.J.	Development of a Solid Bio-Electrolyte from a Seaweed Extract – Polyvinyl Alcohol Blend for Primary Mg-Ion Conducting Batteries	2023	Chemistry Select	8	21
2.	Thangavelu G.P. Dhanapal A.R. Samynathan R. Venkidasamy B. Thiruvengadam M. Nagdalian A. Shariati M.A.	Biological control of toxic microbial metabolites in the reformulated food	2023	Strategies to Improve the Quality of Foods		
3.	Balakrishnan P.D. Arunadevi N. Rath N.P. Kanchana P. Premkumar T.	A one-pot solid-state synthesis of MgO nanoparticles and their catalytic, biological, and electrochemical sensor activities: hexaaquamagnesium(ii) bis(6-oxo-1,6-dihydropyridine-3-carboxylate) as a tool	2023	New Journal of Chemistry	47	8
4.	Thirunavukkarasu T. Ramachandran E. Natarajan K. Sparkes H.A. Al-Resayes Azam S.I	A study on the applications of 3-amino quinoline complexes of Pd(II) as catalysts for the Suzuki-Miyaura coupling of aryl halides in aqueous	2023	Polyhedron	230	
5.	Chathalingath N. Gunasekar A.	First report of <i>Pantoea ananatis</i> causing leaf blight disease of pomegranate in India	2023	New Disease Reports	48	2
6.	Thiruarul D. Charles J.W. Lavanya M. Rajesh K.B. Jaroszewicz Z.	Generation of sub-wavelength longitudinal magnetization needle and multiple longitudinal spots using circularly polarized beam through an annular walsh function filter	2023	Journal of Optics (India)		
7.	Kumar D.S.R.S. Puthiran S.H. Selvaraju G.D. Matthew P.A. Senthilkumar P. Kuppusamy S. Mani R.R. Hatamleh A.A. Dosary M.A. Chang S.W. Ravindran B.	Preparation and Characterization of Magnetite-Polyvinyl Alcohol Hybrid Nanoparticles (As-PVA-MNPs) Using <i>Acanthophora spicifera</i> Marine Algae Extract for Enhanced Antimicrobial Activity Against Pathogenic Microorganisms	2023	Molecular Biotechnology		
8.	Kalaivani A. Karpagavalli S. Gulati K.	Expert Automated System for Prediction of Multi-Type Dermatology Sicknesses Using Deep Neural Network Feature Extraction Approach	2023	International Journal of Intelligent Systems and Applications in Engineering	11	3s

9.	Kar P. Sathiyam G. Vivekanandan K.E. Venkatesan G. Siva G. Subramani R. Kandasamy S.	A comprehensive review on tailoring factors of porous bismuth oxyhalide photocatalysts for wastewater treatment application	2023	Journal of the Taiwan Institute of Chemical Engineers		
10.	Subha D. Harshnii K. Madhikiruba K.G. Nandhini M Tamilselvi K.S.	Plant derived exosome like Nanovesicles: an updated overview	2023	Plant Nano Biology	3	
11.	Narayanan M. Kandasamy S. Lee J. Barathi S.	Microbial degradation and transformation of PPCPs in aquatic environment: A review	2023	Heliyon	9	8
12.	Muthumanicam M. Maheswari P. Vibisha A. Prabhakar C.L. Ponnan S. Jaroszewicz Z. Rajesh K.B.	Theoretical Design of Highly Sensitive Ag-Ni-Thiol-based Hybrid SPR Biosensor for Viral Detection	2023	Journal of Environmental Nanotechnology	12	3
13.	Sivapriya S. Raja R.S. Kumar A.A. Suryakanth J. Arunadevi N. Ranjith Kumar E. Balasubramanian K.	Investigation on growth, structure, and physical properties of an organic crystal 2-Aminopyridinium cyanoacetate	2023	Journal of Molecular Structure	1289	
14.	Shanjitha S. Suvanna K. Sudha D. Jone Kirubavathy S.	Potential of a novel binuclear Ni (II) single crystal to act as a luminescent platform for sensing Cd ²⁺ - Crystal structure, spectroscopic and sensing studies	2023	Inorganica Chimica Acta	553	
15.	Prince Makarios Paul S. Parimala devi D. Praveena G. Jeba Beula R. Abiram A.	Adsorption behavior of VX nerve agent on X12Y12 nanocages: a density functional theory study	2023	Structural Chemistry		
16.	Elakkiya S. Sudha V. Sathya Priyadarshini G. Selvi G. Dharuman V.	Tripodal Schiff base Tris [4-(4-nitrophenyl)-3-aza-3-butenyl] amine nanorod for selective detection of uric acid	2023	Inorganic Chemistry Communications	156	
17.	Karthika S. Asokan K. Marimuthu K. Teresa P.E. Meena R. Durairajan A. Valente M.A. Meena P. Sankaran S.S.	Structural and optical properties of lithium borate glasses under extreme conditions of ion irradiation	2023	Physica Scripta	98	8
18.	Maruthasalam L. Thiruarul D. Rajesh K.B. Jaroszewicz Z.	Generating novel focal patterns for a radial variant vector beam focusing through a dielectric interface	2023	Photonics Letters of Poland	15	1

19.	Senthilkumar P. Natarajan A. Salmen S.H. Alharbi S.A. Shavrov V. Lega P. Subramani R. Pushparaj C.	Utilizing protein nanofibrils as a scaffold for enhancing nutritional value in toned milk	2023	Environmental Research	239	
20.	Chowdary B.N. Preetham H.D. Verma S.K. Hamse V.K. Umashankara M. Raj S.N. Pramoda K. Kumar K.S.S. Selvi G.	A short hydrophobic peptide conjugated 3,5- disubstituted pyrazoles as antibacterial agents with DNA gyrase inhibition	2023	Journal of Molecular Structure	1276	
21.	Duraisamy P.D. Prince Makarios Paul S. Gopalan P. Angamuthu A.	Electrochemical properties of endohedral halide (F ⁻ , Cl ⁻ and Br ⁻) encapsulated Mg12O12 nanocage for metal-ion batteries	2023	Inorganic Chemistry Communications	157	
22.	Kandasamy S. Narayanan M. Raja R. Devarayan K. Kavitha R.	The current state of algae in wastewater treatment and energy conversion: a critical review	2023	Current Opinion in Environmental Science and Health	33	
23.	Basil S. Antony S. Subramanian M.	Existence and Uniqueness Results for a Coupled System of Nonlinear Fractional Langevin Equations	2023	Kyungpook Mathematical Journal	63	3
24.	Krithika S. Balavijayalakshmi J.	Investigation of structural, morphological and electrochemical properties of MoS ₂ /PANI/SnO ₂ nanocomposites for energy storage applications	2023	Inorganic Chemistry Communications	148	
25.	Rajamani R. Indumathi K. Srimathi P. Praveena G. Wong L.S. Djearmane S.	Structure and Reactivity of Halogenated GC PNA Base Pairs – A DFT Approach	2023	Journal of Experimental Biology and Agricultural Sciences	11	5
26.	Thiruarul D. Charles J.W. Lavanya M. Rajesh K.B. Jaroszewicz Z.	Generation of multiple focal pattern via phase modulated radial and azimuthal variant vector beam	2023	Optical and Quantum Electronics	55	5
27.	Shanmugam V. Gowrishankar V. Sibi S. Sudha Maheswari T. Vijay Bose S. Mora M. Chandramohan S. Maruthamuthu M. Nazeer I.	Role of social media on government initiatives towards human resource development	2023	Global Perspectives on Social Media Usage Within Governments		

28.	Barathi S.J.G. Rathinasamy G. Sabapathi N. Aruljothi K.N. Lee J. Kandasamy S.	Recent trends in polycyclic aromatic hydrocarbons pollution distribution and counteracting bio-remediation strategies	2023	Chemosphere	337	
29.	Arthi G. Vaanmathi M. Ma Yong - Ki.	Controllability Analysis of Impulsive Multi-Term Fractional-Order Stochastic Systems Involving State-Dependent Delay	2023	Fractal and Fractional	7	10
30.	Kalaivani A. Karpagavalli S.	Advanced domain adaptation for skin disease segmentation and classification using bootstrapping of fine-tuned deep learner	2023	Multimedia Tools and Applications		
31.	Singh K.R.B. Natarajan A.	Molecularly imprinted polymer-based optical immunosensors	2023	Luminescence	38	7
32.	Mano Priya A. Aazaad B.	Mechanism and kinetics of atmospheric degradation of menthol initiated by hydroxyl radical	2023	New Journal of Chemistry	47	46
33.	Lakshminarayanan K. Sivanandhan M. Ramasundaram S. Oh, Tae Hwan. Shah K.J. Saranraj K. Parasuraman A. Balu K.	NbCl ₅ Functionalized Perlite: A Potent and Recyclable Catalyst for Synthesis of Pyrans	2023	Sustainability (Switzerland)	15	4
34.	Arunadevi N. Jone Kirubavathy S.	Three-dimensional approaches based on nanotechnology towards wound management	2023	Nanotechnological Aspects for Next-Generation Wound Management		
35.	Nair J.P. Vijaya M.S.	Temporal Fusion Transformer: A Deep Learning Approach for Modeling and Forecasting River Water Quality Index	2023	International Journal of Intelligent Systems and Applications in Engineering	11	10s
36.	Eswaranpillai U. Murugesan P. Karupiah P.	Assess the impact of cultivation substrates for growing sprouts and microgreens of selected four legumes and two grains and evaluation of its nutritional properties	2023	Plant Science Today	10	2
37.	Sabui P. Mallick S. Singh K.R.B. Natarajan A. Verma R. Singh J. Singh R.P	Potentialities of fluorescent carbon nanomaterials as sensor for food analysis	2023	Luminescence	38	7
38.	Inbarajan K. Sowmya S. Janarthanan B.	Potential application of Ce doped NiO green synthesised from husk of Cocos nucifera in various types of DSSCs	2023	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	45	4

39.	Gajendiran K. Ma Y.K Kandasamy S. Sabour A.A.A. Alshiekheid M. Pugazhendhi A. Narayanan M.	Tannery wastewater remediation competence of metal tolerant bacteria and fungi under the influence of chemically modified water hyacinth biochar: an in vitro evaluation	2023	Biomass Conversion and Biorefinery		
40.	Vinod V. Amritha P.S. Harathi P.B.	A systematic review on bisphenols – Sources, health impacts, and analytical determination of bisphenol A in aqueous samples	2023	Separation Science Plus	6	12
41.	Ganesan A. Thangaraj M. Ma Y.K.	Exponential Stability for Second-Order Neutral Stochastic Systems Involving Impulses and State-Dependent Delay	2023	Symmetry	15	12
42.	Paul, Riza K. Kavinarmatha S. Parthiban	Tantalum doped titanium dioxide nanoparticles for efficient photocatalytic degradation of dyes	2023	Journal of Molecular Structure	1277	
43.	Jenifer P.P.S. Krishnaveni C. Kanchana M.	Role of lens and dormancy breaking treatment in Fabaceae seeds (Acacia auriculiformis A.Cunn. ex Benth., Delonix regia (Bojer ex Hook.) Raf. Cassia fistula L., Samanea saman (Jacq.) Merr., Pongamia pinnata L.)	2023	Research Journal of Biotechnology	18	11
44.	Gopalakrishnan A. Vadivel V.	Multi-objective metaheuristic optimization algorithms for wrapper-based feature selection: a literature survey	2023	Bulletin of Electrical Engineering and Informatics	12	5
45.	Suvarna K. Shanjitha S. Selvasekarapandian S. Kirubavathy S.J.	Investigation of solid bio-membrane based on corn biomass as a proton-conducting bio-electrolyte	2023	Bulletin of Materials Science	46	2
46.	Divya M.O. Vijaya M.S.	Revolutionizing Foetal Cardiac Anomaly Diagnosis: Unleashing The Power Of Deep Learning On Foetalecho Images	2023	Journal of Theoretical and Applied Information Technology	101	16
47.	Jayakumar T. Mani G. Dhayalan S. Sennimalai R. Krishnamoorthy K. Govindasamy C. Al-Numair K.S. Alsaif M.A. Cheon Y.P.	Characterization, Antimicrobial and Anticancer Properties of Palladium Nanoparticles Biosynthesized Routed Through Bacillus sp	2023	Journal of Cluster Science	34	6
48.	Kumaravel A. Sathyamoorthi S. Sadhana S.	Highly stable commercial-level mass-loaded supercapacitor using Datura stramonium seeds derived activated microporous biocarbon	2023	Ionics	29	11
49.	Narayanan M. Subramani R. Kandasamy S.	Assessing pollutant sorption efficiency of modified and unmodified biochar with Bacillus cereus on contaminated lake water: implications for Oryza sativa seedling and Artemia franciscana larvae viability	2023	Biomass Conversion and Biorefinery		

50.	Amritha P.S. Veena V. Harathi P.B.	Model Periphyton Biofilms: Biological System of Bioremediation of Synthetic Plastics	2023	Microbiology (Russian Federation)	92	5
51.	Govindaraj K. Venkatesh B.T.	Corporate governance practices during COVID-19	2023	Future Outlooks on Corporate Finance and Opportunities for Robust Economic Planning		
52.	Narayanan M. Lee J. Barathi S. Kandasamy S.	Marine bioresources are a boon for bioplastic production as an alternative to conventional plastics - a review	2023	Biomass Conversion and Biorefinery		
53.	Singh K.R. Natarajan A. Pandey S.S.	Bioinspired Multifunctional Silver Nanoparticles for Optical Sensing Applications: A Sustainable Approach	2023	ACS Applied Bio Materials	6	11
54.	Sornapriya J; Lekshmenaswamy M.	Trapping analysis of ants (Hymenoptera, Formicidae) in Kurunthamalai, Coimbatore, Tamil Nadu, India	2023	Entomon	48	1
55.	Ramkumar S. Kaviarasi R. Kavyasri E. Priyadarshini G.S.	A systematic investigation of luminescent schiff bases: Photophysical and DFT studies	2023	Chemical Physics Impact	7	
56.	Sreeram S. Sathishkumar R. Amritha P.S.	Targeting the ENV spike protein of HIV with naturally occurring compounds: an in-silico study for drug designing	2023	Advances in Traditional Medicine	23	2
57.	Dhanalakshmi M. Sruthi D. Jinuraj K.R. Das K. Dave S. Andal N.M. Das J.	Mannose: a potential saccharide candidate in disease management	2023	Medicinal Chemistry Research	32	3
58.	Priyanka D. Nalini D.	An Amino Acid Grafted Graphene Oxide as Promising Material in Poly(urea-formaldehyde)Epoxy Microcapsules for Enhancing the Interfacial Adhesion of Epoxy Coatings	2023	Asian Journal of Chemistry	35	3
59.	Nithya C. Modigunta J.K.R. In I. Kim S. Gopukumar S.	Bi ₂ S ₃ Nanorods Deposited on Reduced Graphene Oxide for Potassium-Ion Batteries	2023	ACS Applied Nano Materials	6	7
60.	Inbarajan K. Sowmya S. Janarthanan B.	Fabrication of dye-sensitized solar cells with the dyeing industrial effluent	2023	Optik	295	
61.	Umamageswari N. Thiruarul D. Lavanya M. Charles J.W. Jaroszewicz Rajesh K.B.	Engineering axially polarized sub- wavelength scale focal structures using annular Walsh filter	2023	Journal of Optics (India)	52	2
62.	Devi Balakrishnan P. Rath N.P. Premkumar T. Ganesh A. Kanchana P.	Facile and green synthesis, crystal structure, antibacterial activity, Hirshfeld surface analysis, and computational investigation of a novel lithium(I) complex: Comparisons of theoretical and experimental analyses	2023	Journal of Molecular Liquids	391	

63.	Chathalingath N. Gunasekar A. Venu S.	Phenotypic and molecular characterisation of <i>Xanthomonas axonopodis</i> pv. <i>punicae</i> from pomegranate leaves	2023	Physiological and Molecular Plant Pathology	128	
64.	Bhuvaneshwari V. Paul P.K.	Dual specific Protein kinases mediate neem fruit extract-induced defense gene expression in <i>Solanum lycopersicum</i> L.	2023	South African Journal of Botany	155	
65.	Chathalingath N. Kingsly J.S. Gunasekar A.	Biosynthesis and biodegradation of poly(3-hydroxybutyrate) from <i>Priestia flexa</i> ; A promising mangrove halophyte towards the development of sustainable eco-friendly bioplastics	2023	Microbiological Research	267	
66.	Saraswathi C. Maruthasalam L. Udhayakumar M. Jaroszewicz Z.	Focusing properties of Azimuthally Polarized Lorentz Gauss Vortex Beam through a Dielectric Interface	2023	Photonics Letters of Poland	15	3
67.	Phuangchik T. Shanmugam P. Kandasamy S. Bunnag S. Boonyuen S.	Investigating six types of bamboo charcoal for eco-friendly renewable energy generation	2023	Biomass Conversion and Biorefinery		
68.	Ilango P.R. Savariraj A.D. Huang H. Li L.; Hu G.; Wang H.; Hou X.; Kim B.C.; Ramakrishna S. Peng S.	Electrospun Flexible Nanofibres for Batteries: Design and Application	2023	Electrochemical Energy Reviews	6	1
69.	Sunitha kumari K. Devi S.N.P. Ranjithkumar R. Djearamane S. Tey L.-H.; Wong L.S.; Kayarohanam S. Arumugam N. Almansour A.I. Perumal K.	Organic Remobilization of zinc and phosphorus availability to plants by application of mineral solubilizing bacteria <i>Pseudomonas aeruginosa</i>	2023	Heliyon	9	11
70.	Saranya T. Kavithaa K. Paulpandi M. Ramya S. Winster S.H. Mani G. Dhayalan S. Balachandar V. Narayanasamy A	The creation of selenium nanoparticles decorated with troxerutin and their ability to adapt to the tumour microenvironment have therapeutic implications for triple-negative breast cancer	2023	New Journal of Chemistry	47	9
71.	Karthika K. Yamuna R.	Anti-obesity, anti-diabetic and anti-inflammatory activity of <i>Camponotus compressus</i> extract; in vitro and in-silico studies; [Δράση κατά της παχυσαρκίας, αντιδιαβητική δράση και αντιφλεγμονώδης δράση του εκχυλίσματος του <i>Camponotus compressus</i> . In vitro και in-silico μελέτες]	2023	Entomologia Hellenica	32	2

72.	Devi Duraisamy P. Prince Makarios Paul S. Gopalan P. Jeba Beula R. Angamuthu A.	Investigation of Dihydrogen Bonded Interaction in X_3CH_2Na , X_2CH_2Na ($X = F, Cl, \text{ and } Br$) Binary and Ternary Complexes: A DFT and DFT-D3 Approach	2023	Russian Journal of Physical Chemistry A	97	3
73.	Thapa S. Singh K.R.B. Natarajan A. Singh J. Pandey S.S. Singh R.P.	MXene-Based Functional Materials as Antibacterial and Antiviral Agents	2023	ACS Symposium Series	1458	
74.	Sivanandhan M. Seeman U. Parasuraman A.	In-silico molecular docking, ADMET and DFT evaluation of piperidin-4-one furoic hydrazone derivatives as antimicrobial, antioxidant and anticancer agents	2023	Journal of the Iranian Chemical Society		
75.	Mano Priya A. Aazaad B. Mythili V.P. Lakshmi pathi S.	Reaction mechanism and kinetics of H and Cl atom abstraction in Dichloromethane with OH radical	2023	Computational and Theoretical Chemistry	1223	
76.	Durairaj M. Jayakumar S. Monika Karpagavalli V.S. Uma Maheswari B. Boopathi S.	Utilization of digital tools in the indian higher education system during health crises	2023	Multidisciplinary Approaches to Organizational Governance During Health Crises		
77.	Wang Y. Qamruzzaman M. Serfraz A. Theivanayaki M.	Does Financial Deepening Foster Clean Energy Sustainability over Conventional Ones? Examining the Nexus between Financial Deepening, Urbanization, Institutional Quality, and Energy Consumption in China	2023	Sustainability (Switzerland)	15	10
78.	Ganesan G. Balu C. Ganesan S. Arulmani S.R.B. Kandasamy S.	Antibiofilm activity of biosurfactant produced by a sponge-associated marine <i>Cobetia</i> sp. JCG-23	2023	Biomass Conversion and Biorefinery		
79.	Karthikeyan M.P. Banupriya C.V. Kowsalya R. Jayalakshmi A.	Android applications for lung nodules classification using convolutional neural network	2023	Designing and Developing Innovative Mobile Applications		
80.	Krithika S. Balavijayalakshmi J.	Influence of Manganese Dioxide Nanoparticles on $MoS_2/PANI$ Nanosheets and Its Energy Storage Applications	2023	Journal of Inorganic and Organometallic Polymers and Materials	33	66
81.	Chathalingath N. Gunasekar A.	Elucidating the physiological and molecular characteristics of bacterial blight incitant <i>Xanthomonas auxonopodis</i> pv. <i>punicae</i> ; a life threatening phytopathogen of pomegranate (<i>Punica granatum</i> , L) and assessment of H_2O_2 accumulation during host-pathogen interaction	2023	Microbial Pathogenesis	182	

82.	Saleem J.B.M. Shanmugam K.	Pesticide Recommendation for Different Leaf Diseases and Related Pests Using MultiDimensional Feature Learning Deep Classifier	2023	Ingenierie des Systemes d' Information	28	1
83.	Sharma R. Thangadurai P.	Palladium-Based Catalytic Treatment and a Rhizobacterial-Assisted Detoxification for the Enhanced Removal of Lindane	2023	Nature Environment and Pollution Technology	22	4
84.	Anbarasi G. Vishnupriya B.	Image analysis for better yield in farming	2023	Advanced Technologies for Smart Agriculture		
85.	Preethi G. Andal Muthulakshmi N.	Surface Functionalized Eco-friendly Plant Seeds in the Confiscating Process of Toxic Metal ions from Aqueous Environment	2023	Research Journal of Chemistry and Environment	27	12
86.	Sundari S.S. Mehala M. Arunadevi N. Kanchana P. Alharthi S.S. Kumar E.R. Al-Douri Y. El-Rehim A.F.A.	Structural and optical properties of salicyl-N-methyl-4-stilbazolium tosylate: Thermal, DFT, MEP and Hirshfeld surface analysis	2023	Journal of Molecular Structure	1271	
87.	Karpagavalli V.S. Sumithra M.	Analysis on herbal textiles using medicinal herb extracts and standard testing methods for herbal finished textiles	2023	Man-Made Textiles in India	51	8
88.	Swathika M. Natarajan A.	Synthesis and photometric properties of efficient white-emitting phosphor of M-AMG transition metal complexes for OLED applications	2023	Luminescence	38	7
89.	Subha D. AnuKiruthika R. Sreeraj H. Tamilselvi K.S.	Plant exosomes: nano conveyors of pathogen resistance	2023	Discover Nano	18	1
90.	Behera M. Panda R. Dhivya P. Joshi D. Arun Kumar R.	Study of efficient sustainable phosphor in glass (P – i – G) material for white LED applications fabricated by tape casting and screen-printing techniques	2023	Materials Science and Engineering: B	298	
91.	Sudha D. Kumar E.R. Shanjitha S. Munshi A.M. Al-Hazmi G.A.A. El-Metwaly N.M. Kirubavathy S.J.	Structural, optical, morphological and electrochemical properties of ZnO and graphene oxide blended ZnO nanocompositestechniques	2023	Ceramics International	49	5
92.	Jayachandran P. Angamuthu A. Gopalan P.	Substitutional effects on the Na-involved electrochemical properties of isomeric benzoquinones	2023	Computational and Theoretical Chemistry	1221	

93.	Chincholikar P. Singh K.R.B. Natarajan A. Kerry R.G. Singh J. Malviya J. Singh R.P.	Green nanobiopolymers for ecological applications: a step towards a sustainable environment	2023	RSC Advances	13	18
94.	Jayachandran P. Angamuthu A. Gopalan P.	Electrochemical performance of sodiated 1,4-benzoquinone conformers	2023	Structural Chemistry	34	5
95.	Nallusamy M. Suriyaprakash M. Kiran K. Jayachitra M.	Microstructural Analysis And Mechanical Properties of Three-Layered Stack of FSAM AA7075-Cu Alloys	2023	Surface Review and Letters	31	1
96.	Arthi G.	Finite-Time Dissipativity Of Discrete Time Repeated Scalar Nonlinear Systems	2023	ICIC Express Letters	17	12
97.	Ganesan K. Vanathi P. Sasthri G. Ganeshan A. Periakaruppan R.	Green synthesis and characterization of Halymenia floresia-mediated silica nanoparticles with antibacterial potential for removal of heavy metals from water	2023	Biomass Conversion and Biorefinery	17	12
98.	Duraisamy P. Prince Makarios Paul S. Gopalan P. Angamuthu A.	Computational study on alkali and alkaline earth metal decorated B20 cluster for hydrogen storage application	2023	Structural Chemistry		
99.	Mano Priya A. Aazaad B. Biju D.M.	A density functional theory investigation on norepinephrine interaction with amino acids and alcohols	2023	Journal of Molecular Structure	1283	
100.	Vijayalakshmi D. Menon S.K.	Overseas Direct Investments to the Wholly Owned Subsidiaries and Their Association with Indian Macroeconomic Factors	2023	Indian Journal of Finance	17	7
101.	Santhana Lakshmi V. Vijaya M.S.	An Exploratory Data Analysis on Air Quality Data of Trivandrum	2023	Lecture Notes in Networks and Systems	623 LNNS	
102.	Nithya C.	Transition Metal Phosphates/Phosphonates for Lithium-Ion Batteries	2023	Engineering Materials		
103.	Arthi G. Suriyapriya N.	Approximate Controllability of Nonlinear Fractional Stochastic Systems Involving Impulsive Effects and State Dependent Delay	2023	Contemporary Mathematics (Singapore)	4	2
104.	Divya M.O. Vijaya M.S.	Optimizing Pre-processing for Foetal Cardiac Ultra Sound Image Classification	2023	Lecture Notes in Networks and Systems	623 LNNS	
105.	Karthika S Marimuthu K. Evangelin Teresa P. Meena R.C. Sulania I. Asokan K. Shanmuga Sundari S	Gamma irradiation-induced changes in the structural, optical, electrical and radiation shielding properties of lithium borate glasses	2023	Radiation Physics and Chemistry	202	

106.	Santhiya M. Priyadarshini A. Agshalal Sheeba J. Karpagavalli S.	Multi-class Classification of Insects using Deep Neural Networks	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023	13	18
107.	Sathya Priyadarshini G. Subramani R. Elakkiya S. Gopal S.	Synthesis of novel luminescent cyclometallated platinum (IV) complexes with a quinoline Schiff bases ligand and their photophysical properties	2023	Inorganic and Nano-Metal Chemistry	53	4
108.	Ridhuvharshini. Pavethra. Reena S. Sivaranjani.	Emerging Methodologies for the Molecular Analysis of Soil Microbiota from Polluted Soil Sites	2023	Environmental Science and Engineering	Part F272	
109.	Ganesan A Nallasamy B	Finite-Time Stability of Impulsive Fractional-Order Time Delay Systems with Damping Behavior	2023	Discontinuity, Nonlinearity, and Complexity	12	1
110.	Divya M.O. Vijaya M.S.	Artificial Intelligent Models for Automatic Diagnosis of Foetal Cardiac Anomalies: A Meta-Analysis	2023	Cognitive Science and Technology		
111.	Jeslina V. Kirubavathy S.J. Al-Hashem A. Rajendran S. Joany R.M. Lacnjevac C.	Mild Steel Corrosion Inhibition in 1 M HCl by an Alcoholic Extract of Sargassum Muticum	2023	Portugaliae Electrochimica Acta	41	2
112.	Swetha M. Indhumathi S. Sheeba L. Sangeetha G. Devi T.S.A. Selvanayaki M.	Analysis of Hedychium Flavum Waste Powder as a Potent Heavy Metal Adsorbent	2023	Environmental Science and Engineering	Part F272	
113.	Thilagamani V. Sakthivel R. Aravinth N. Ma Y.-K. Sasirekha R.	Disturbance Observer-Based Robust Control Design for Uncertain Periodic Piecewise Time-Varying Systems With Disturbances	2023	IEEE Access	11	
114.	Eswaranpillai U. Senthilramesh Y. Karuppiyah P.	Nutritional evaluation of Chrysophyllum oliviforme L. (Sapotaceae) an underutilized exotic fruit	2023	Journal of Applied and Natural Science	15	2
115.	Nivetha V. Harini S. Shyla J.M. Reena G.S.	Impact of Acinetobacter Baumannii on Dye Degradation and a Molecular Analysis Study	2023	Environmental Science and Engineering	Part F272	

116.	Natarajan A. Jone Kirubavathy S.	Nanomedicine and nanocarriers for cancer treatment	2023	Nanotechnology for Drug Delivery and Pharmaceuticals	11	2
117.	Deepika R. Meena P.	Colloidal chemical synthesis of quaternary semiconductor Cu ₂ FeSnS ₄ (CFTS) nanoparticles: absorber materials for thin-film photovoltaic applications	2023	Journal of Materials Science: Materials in Electronics	34	1
118.	Arunadevi N. Jone Kirubavathy S.	Bionanocomposites for rejuvenation of heavily contaminated environment	2023	Nanobiotechnology for Bioremediation: Fundamentals and Mechanisms		
119.	Viji Cripsy J. Divya T.	Lung Cancer Disease Prediction and Classification based on Feature Selection method using Bayesian Network, Logistic Regression, J48, Random Forest, and Naïve Bayes Algorithms	2023	Proceedings - 2023 3rd International Conference on Smart Data Intelligence, ICSMDI 2023		
120.	Deepa M. Sasikala D. Said B.	A contemporary postulates on resolvable sets and functions Algorithms	2023	Neutrosophic Sets and Systems	56	
121.	Basil S. Antony S.	Solution to a system of non-linear fuzzy differential equation with generalized Hukuhara derivative via fixed point theorem	2023	Advances in the Theory of Nonlinear Analysis and its Applications	7	2
122.	Hepziba Gnanamalar R. Ebenesar Anna Bagyam J.	Eco-friendly blockchain for smart cities	2023	Green Blockchain Technology for Sustainable Smart Cities		
123.	Anuradha J. Muthulakshmi Andal N.	Synthesis, Characterisation and Utilisation of Magnetic Fe ₃ O ₄ - TGT Nanocomposite in the Removal of Pb(II) from Aqueous Solutions	2023	Asian Journal of Water, Environment and Pollution	20	1
124.	Radhamani K.C. Sasikala D.	A Real Time Application on Neutrosophic Nano Soft Topology	2023	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	13	2
125.	Sakthivel R. Aravinth N. Thilagamani V. Sasirekha R.	Observer-based fault tolerant control design for periodic piecewise time-varying systems: a fault estimation approach	2023	International Journal of Systems Science	54	7
126.	Arthi G. Sivasangari R. Ma Y.-K.	Existence and Controllability for Impulsive Fractional Stochastic Evolution Systems with State-Dependent Delay	2023	Journal of Applied Analysis and Computation	13	1
127.	Kalaivani A. Karpagavalli S.	Bootstrapping of fine-tuned segmentation and classification network for epidermis disorder categorization	2023	Multimedia Tools and Applications		

128.	Viji Gripsy J. Kanchana K.R.	Relaxed hybrid routing to prevent consecutive attacks in mobile ad-hoc networks	2023	International Journal of Internet Protocol Technology	16	2
129.	Dhivya P. Behera M. Kumar R.A.	Investigations on L-valine doped imidazolium L-tartrate (IMLT) single crystals	2023	Journal of Materials Science: Materials in Electronics	34	1
130.	Sivanandhan M. Parasuraman A.	In-silico Molecular Docking and ADMET predictions of Pyrido[2,3-d]pyrimidine-2,4(1H,3H)-Dione Analogues as promising Antimicrobial, Antioxidant and Anticancer agents	2023	Polycyclic Aromatic Compounds		
131.	Ramkumar S. Nalini D. Chauhan D.S. Quraishi M.A.	Triazoles as Potential Corrosion Inhibitors: Recent Developments and Future Perspectives	2023	Triazoles and their Uses		
132.	Sivaranjani B. Karpagavalli S.	A Survey and Analysis of Deep Learning Techniques for Bird Species Classification	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings		
133.	Karthika S. Kanchana P. Prabha Devi B. Shanmuga Sundari S.	Antibacterial and anticancer activity (PANC-1) of green synthesized copper oxide nanoparticles from Catharanthus roseus	2023	Inorganic and Nano-Metal Chemistry		



INDIA RANKINGS 2023

Ranking of Higher Educational Institutions

Colleges

Miranda House, New Delhi

1

Hindu College, New Delhi

2

Presidency College, Chennai

3

PSGR Krishnammal College for women, Coimbatore

4

St. Xavier's College, Kolkata

5

Atma Ram Sanatan Dharm College, New Delhi

6

Loyola College, Chennai

7

Rama Krishna Mission Vivekananda Centenary College, Kolkata

8

Kirori Mal College, New Delhi

9

Lady Shri Ram College For Women, New Delhi

9

PSGR KRISHNAMMAL COLLEGE FOR WOMEN

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