



SRI VIDYA MANDIR ARTS & SCIENCE COLLEGE (AUTONOMOUS)

(An Autonomous College Affiliated to Periyar University, Salem – 636 011)
(Recognized under Section 2(f) & 12(B) of the UGC Act, 1956)
(Accredited by NAAC with 'A' Grade [CGPA 3.27])
Katteri – 636 902, Uthangarai, Krishnagiri Dt, Tamil Nadu, India.



PG & RESEARCH DEPARTMENT OF CHEMISTRY

Organises

**A TWO DAY
INTERNATIONAL CONFERENCE ON
RECENT TRENDS IN ADVANCED ENGINEERING
AND CHEMICAL SCIENCE (ICRTA-ECS)-2024**



In collaboration with

**R V College of Engineering (Autonomous)
Mysore Road, Bengaluru, Karnataka - 560059**

**Sri Vijay Vidyalaya College of Arts and Science
Nallampalli, Dharmapuri - 636807**

Date: 21st & 22nd March 2024

Venue: Auditorium, SVMC

Email : icrtaecs2024@gmail.com



Thiru. V. Chandrasekaran

Founder & Secretary, Sri Vidya Mandir Group of Educational Institutions, Uthangarai, Krishnagiri

Thiru. D.N.C Manivannan

Chairman, Vijay group of Institutions, Dharmapuri, Hosur, Krishnagiri, Tirupattur, Tiruvannamalai

PATRONS

Dr. N. Gunasekaran, Principal, Sri Vidya Mandir Arts & Science College (A), Uthangarai, Krishnagiri.
Dr. K. N. Subaramanya, Principal, RV College of Engineering (A) Mysore Road, Bengaluru, Karnataka.
Dr. K. Balasundaram, Principal, Sri Vijay Vidyalaya College of Arts & Science, Dharmapuri.

CO - PATRON

Dr. D. Kavitha, Vice-Principal, Sri Vidya Mandir Arts & Science College (A), Uthangarai, Krishnagiri.

CONVENORS

Mr. K.V.Karthigeyan, Assistant Professor & Head, PG & Research Department of Chemistry, Sri Vidya Mandir Arts & Science College (A)
Dr. S. Sivakumar, Asst. Professor and Head, PG & Research Department of Chemistry, SVVCAS, Dharmapuri. Syndicate Member of Periyar University, Salem.

Dr. Ravi raj Kusanur, Assistant Professor & Head, Department of Chemistry, RV College of Engineering (A)

Organizing Secretaries

Dr. R. Dayanandhan, Assistant Professor, Sri Vidya Mandir Arts & Science College (A)

Dr. R. Mahesh, Assistant Professor, RV College of Engineering (A)

Dr. S. Sathish Kumar, Assistant Professor, Sri Vijay Vidyalaya College of Arts & Science, Dharmapuri.

TREASURERS

Mr. R. Arish Kumar, Assistant Professor

Sri Vidya Mandir Arts & Science College (Autonomous), Uthangarai
(Mobile: 9080318840, 8098856853)

Mr. P. Sivakumar, Assistant Professor

Sri Vijay Vidyalaya College of Arts & Science, Dharmapuri.

INTERNATIONAL SCIENTIFIC ADVISORY COMMITTEE

Prof. Rui Fausto, Habilitation University of Coimbra, Portugal
Prof. Irena Kostova, D.Sc, Medical University – Sofia, Bulgaria
Prof. Kyoung – Ha So, Seoul National University, Korea
Prof. Minyoung Yoon, Kyungpook National University, Republic of Korea
Prof. Giovanni Neri, University of Messina, Italy
Prof. Hiroshi Tamura, Kansai University, Japan
Prof. Shu-Pao Wu, National Yang Ming Chiao Tung University, Taiwan
Prof. Liviu Mitu, University of Pitesti, Romania
Prof. Joel D Bumgardner, University of Memphis, USA
Prof. Mohammad Nasir Uddin, University of Chittagong, Bangladesh
Prof. Mar Masson, University of Iceland, Iceland
Prof. Nathaniel S. Hwang, Seoul National University, South Korea

NATIONAL SCIENTIFIC ADVISORY COMMITTEE

Dr. V. RAJ Periyar University, Salem
Dr. R. Rajavel, Periyar University, Salem
Dr. V. Sujatha, Periyar University, Salem
Dr. J. Joseph Selvaraj, St. Joseph's College, Trichy
Dr. A. Rose Venis, St. Joseph's College, Trichy
Dr. B.S. Krishnamoorthy, PSG College, Coimbatore
Dr. K. Agilandewari, PSG College, Coimbatore
Dr. N. Dharmaraj, Bharathiar University, Coimbatore
Dr. I. Prabha, Bharathiar University, Coimbatore
Dr. M. V. Kaveri, Bharathiar University, Coimbatore
Dr. T. Suresh, Bharathiar University, Coimbatore
Dr. S. Senthil Kumar, Sri Ramakrishna Institute of Technology, Coimbatore

ORGANIZING COMMITTEE MEMBERS

Mrs. N. Gomathi, Assistant Professor in Chemistry, SVMC (A)
Mr. N. Chandrasekaran, Assistant Professor in Chemistry, SVMC (A)
Mr. C. Thirumurugan, Assistant Professor in Chemistry, SVMC (A)
Dr. C. Govindaraj, Assistant Professor in Chemistry, SVMC (A)
Mr. K. Muralidharan, Assistant Professor in Chemistry, SVMC (A)
Mr. B. Poovarasam, Assistant Professor in Chemistry, SVMC (A)
Mrs. S. Sathiyapriya, Assistant Professor in Chemistry, SVMC (A)
Dr. N. Bhuvana, Assistant Professor in Chemistry, SVMC (A)
Mr. S. Gowthaman, Lab Assistant in Chemistry, SVMC (A)
Mr. P. Sachin, Lab Assistant in Chemistry, SVMC (A)
Dr. Manjunatha C, Assistant Professor in Chemistry, RV CE (A)
Dr. Divakara S G, Assistant Professor in Chemistry, RVCE (A)
Dr. Sham Aan M P, Assistant Professor in Chemistry, RVCE (A)
Dr. Sridharan M, Assistant Professor in Chemistry, RVCE (A)
Dr. Swarna M Patra, Assistant Professor in Chemistry, RVCE (A)
Dr. Vishnumurthy K A, Assistant Professor in Chemistry, RVCE (A)
Dr. Girish Kumar S, Assistant Professor in Chemistry, RVCE (A)
Dr. Swetha M J, Assistant Professor in Chemistry, RVCE (A)
Mr. P. Sakthivel, Assistant Professor in Chemistry, SVVCAS
Mrs. P. Mahalakshmi, Assistant Professor in Chemistry, SVVCAS
Mrs. T. Sangeethapriya, Assistant Professor in Chemistry, SVVCAS
Ms. S. Sathiyapriya, Assistant Professor in Chemistry, SVVCAS
Mr. S. Ulaganathan, Assistant Professor in Chemistry, SVVCAS
Mr. V. Silambarasan, Assistant Professor in Chemistry, SVVCAS
Mrs. P. Sathya, Assistant Professor in Chemistry, SVVCAS

**All UG & PG Students of
Chemistry, SVMC (A)**

For Contact

Dr. R. Dayanandhan

Organizing Secretary ICRTA-ECS-2024

Phone : +91 7305121228

Email_ID : icrtaecs2024@gmail.com



ABOUT THE COLLEGE

The visionary Philanthropists of Sri Vidya Mandir Higher Educational Trust started Sri Vidya Mandir Arts & Science College in Katteri Village, Uthangarai in the year 2000 with the noble aim of uplifting economically and educationally backward districts, Dharmapuri and Krishnagiri into a number one educational destination in Tamil Nadu. The College is surrounded by the culturally rich pilgrimage centers, Hanumantheertham (2 km) and Theerthamalai (15 km), associated with the famous Epic, The Ramayana. The College is located in a sprawling campus of more than 50 acres. The Queen of Mountains, the Eastern Ghats, has bestowed her bountiful nature and conducive climate around the area. The College is well connected with the nearby cities and located in the Salem-Vellore State Highways. Currently the College functions with strength of around 2900 Students and 160 Faculty Members. The College offers 15 UG programmes, 9 PG programmes, 7 M.Phil. programmes and 3 Ph.D. programmes. The College was recognized by the University Grants Commission (UGC) under Section 2(f) & 12(B) of the UGC-Act, 1956 on 26th August 2013. The curriculum model developed at SVM originally integrating teaching, research and extension has earned the institute UGC Status by the NAAC in 2015 with 'A' Grade (CGPA 3.27). As another feather in the crown, the College sustains the same NAAC (A Grade) till 2025. The college is conferred with Autonomous Status by the UGC from the academic year 2019-2020 onwards.

HIGHLIGHTS OF THE DEPARTMENT

The Department of Chemistry was established in the year 2004 with 12 Under Graduate B.Sc., Chemistry students. The M.Sc. degree is being offered from the year 2013. From the year 2015 onwards, the department has emerged as a full-fledged research department offering M.Phil. Programme. Since 2004 the Department has produced more than 500 centums. Now in 2024, the Department holds nearly 400 students with 11 faculties. It provides a teaching learning process to develop the talent through competency building. It's a matter of pride that the Department has achieved many successes in the path of education for the welfare of the students. The Department students have clinched 55 university ranks including five gold medals. Apart from the academic achievements the Department is also taking sincere efforts to develop the multi-disciplinary knowledge of the students by conducting national/international national Conferences, Seminars, Workshops and Cultural programmes yearly with the help of the management. It strives to produce eminent professionals turned to the real time working environment. The department runs to meet out the competent academic environment with adequate labs and library resources to support students in their pursuit of excellence in every sector of life.

ABOUT THE CONFERENCE

The aim of this conference is to exchange the multidimensional skills in chemical and to share Research experience among the professionals and students from recent Research areas of Nanotechnology, Green chemistry, Material processing, Photo catalyst, Modern organic synthesis and related to the title of the conference. ICRTAECs - 2024 also provides a platform to discuss about the most recent trends in functional materials and Practical challenges encountered in the modern chemical technology.

ABOUT THE COLLABORATION AND ASSOCIATION

This conference is collaborated with the highly reputed institutions, RV college of Engineering (Autonomous), Bengaluru and Sri Vijay Vidyalaya College of Arts and Science, Dharmapuri to exchange & share knowledge.



Trusted areas :

- * Nanotechnology
- * Green chemistry
- * Material processing
- * Photo catalyst
- * Modern organic synthesis
- * Bioinorganic Materials
- * Cancer Therapy
- * Biosensors
- * Computational chemistry
- * Hydrogels

- * Biodegradable Polymers
- * Sustainable Biomaterial
- * Surface Modification
- * Molecular Biology
- * Orthopaedic Applications
- * Biochemistry
- * Biotechnology
- * Biometric Materials
- * Magnetic Materials

Call for Abstracts

- * Our department invites research scholars and students across various disciplines to submit their papers to the International Conference and present their papers as oral/poster.

Abstract Submission

- * The abstract should contain the title of the paper, authors name, designation, Institution address and also E-mail ID for presenting author with underline.
- * The abstract should be within 250 words with 4 to 5 keywords.
- * The abstract should be in MS Word format, Font - Times New Roman (Font size 12), with 1.5 line space
- * Abstract should be submitted to the conference Email-ID: icrtaecs2024@gmail.com on or before 15th March 2024.

Oral/Poster Presentation

- * Authors are requested to indicate their choice for oral or poster Presentation.
- * The Oral presentation will be given 10 minutes.
- * The poster should clearly present the title, the author(s) name(s), Affiliation(s) and address
- * The size of the poster should be 1m (height) x 1m (width), neatly prepared and can be read from a distance of feet. The accepted oral/poster presentation will be intimated through email on 23rd March 2024

Registration Details

- * Delegates are requested to register their participation by the registration <https://forms.gle/cfkR4i6d7BFJKsQo6>
- * Registration fee includes refreshment, lunch with conference kit and Certificate

Registration Fees

- Faculty/ Industries - INR 1500
- Research Scholar - INR 1500
- Paper Presentation - INR 1000
- Participation Only - INR 500
- Foreign faculty - USD 25
- Foreign student/ Scholar - USD 15

Mode of Payment

- Name : The Principal, Sri Vidhya Mandir Arts and Science College
- Bank : State Bank of India
- Branch : Uthangarai
- Account Number: 30840409831
- IFSC Code: SBIN0007495
- UPI ID : sriavidhyamandhirutg@sbi

Award for Best Oral/Poster Presentation

Awards will be given to Best Oral and Poster Presentations.

Details of Accommodation

Accommodation for the registered participants will be arranged in the College Hostel on request and payment basis.

Full Paper Submission

- Full paper will be published in Peer-Reviewed Journals in special issue.
- * Publication charge for full length paper will be charged after acceptance of the paper.
- * The full length papers should be submitted to the Email_ID: icrtaecs2024@gmail.com on or before 19.03.2024

DEADLINE

Submission of Abstract: 10.03.2024
Intimation of Acceptance: 15.03.2024
Full Paper Submission: 20.03.2024



Scan for Registration



Scan for Payment