



Sidvi Foundation

(Registered as Micro Enterprise with MSME, Government of India)

(An ISO 9001:2015 Certified Company)



Shikshan Prasarak Mandal's

Lokmanya Tilak Mahavidyalaya

WANI, Maharashtra

Accredited By NAAC with B Grade

Department of Chemistry



BHARTI PUBLICATIONS

New Delhi



**GLOBAL
ACADEMY**

Jointly Organize

**A TWO DAY INTERNATIONAL CONFERENCE ON
FRONTIERS OF CHEMICAL SCIENCES - 2023**

(ICFCS - 2023)

AND

INTERNATIONAL AWARD CEREMONY

TEJAS - 2023

**Online
Mode**

Date: 23rd & 24th Aug 2023

About Sidvi Foundation

Sidvi Foundation is a renowned organization that organizes highly notable conferences throughout the globe. Currently we are bringing A Two-day international conference on Frontiers of Chemical Sciences – 2023 and International Award Ceremony TEJAS - 2023 scheduled to be held during August 23-24, 2023 Through Online mode. The conference invites all the participants across the globe to attend and share their insights and convey recent developments in the field of Chemistry.

About the College

Lokmanya Tilak Mahavidyalaya is one of the premier higher educational institutes in Wani taluka place established in the year of 1961 under the roof of Shikshan Prasarak Mandal. The trust “Shikshan Prasarak Mandal” was established by the highly enathautic and educated people in year 1928. The college has all the courses from Intermediate to Doctorate in Arts, Commerce and Science. The college has also started study center for YCMOU, Nashik. The college with its specious meeting hall, rich library, beautiful botanical garden, well-equipped laboratories, clean campus, experienced and dedicated teaching staff and huge number of students on its rolls continuing its joining on the path of progress.

About the Department

About the Department Department of Chemistry is one of the important and facilitated departments of Lokmanya Tilak Mahavidyalaya which is established in the year of 1974 with graduate course. Subsequently, post graduate course and Research Center was started in the department. Till now, many students have been awarded and some are working for their doctoral degree. The Department also offers different short term certificate courses for students including soil and water testing, instrument handling, soft skill and presentation skills in chemistry etc. The department has organized various National and International Conferences / Seminars / Workshops etc. Various academic and social activities/events are conducted by the department.

Who Should Attend

- Academics, Researchers, U.G, P.G, Ph.D., Students Related to All Streams of Chemistry, Bio-Chemistry, Pharmaceutical, Medicinal Chemistry, Green Chemistry Environmental, Chemistry etc., and other Related to Chemical Sciences
- Chemistry Scientists
- Chemical Engineers
- Drug Development Research Laboratories, Companies.

Why to Exhibit

- To Build Relationships and to develop new Ideas
- To Raise awareness of your branch of Study & Research
- To get the knowledge on new innovations and inventions
- To strengthen your Academics and Research Credentials
- To learn about new Developments in Chemical Sciences & its industries
- To Interact with Professionals, Academics, Researchers & Industrialists.

Themes and Subthemes

1: Advanced chemistry

This Theme of Applied and Advanced Chemistry is concerned with doing basic researches on a variety of chemical fields like metal compounds, inorganic and organic compounds, polymers, proteins. The main motto of this field of chemistry is to make the application of these researches in various fields and contribute to the development.

2: Emerging Trends in Drug Design

The Theme of Drug Design is designed to show its evolution as a special domain of medicinal chemistry featuring the mélange of drug design. Having largely expanded topics for the coverage like Drug metabolism and interactions, plus new coverage of Applications of ADME in early drug discovery, System Inhibitors, Targeting Complex Membrane Proteins, and Lead Optimization for Drug Safety will make the session highly enthusiastic and cognizant for all the attendees.

3: Technological advancement in Organic Synthesis

The Theme of Organic synthesis hovers under the research in the synthesis of organic compounds via organic reactions. Due to a higher level of complexity, organic molecules have now been evolved to such a broader domain that its study of synthesis is now done in a separate branch of chemistry. Governing on these facts, this session will be featuring a deep discussion on the synthesis of both inorganic and highly complexed organic compounds.

4: Latest Discoveries in Green Chemistry

This Theme of Green chemistry is focused on the designing of products and processes that minimize the use and generation of hazardous substances. with all aspects of advanced nanomedicine and drug delivery. The current scenario speaks that this is new and developing part of chemistry which mainly works for developing the alternatives for energy generation.

5: Modern Approach Towards Pharmaceutical Chemistry

In this Theme of Pharmaceutical Chemistry, the detailed explorations will be concerned with the study of drugs, drug delivery, absorption, metabolism and drug development. Today, Pharmaceuticals with chemistry is used globally as an effective measure for curing or being a remedy for many diseases, improving quality assurance and advancing analytical techniques in pharmacology and metabolism as well.

6: Applications of Polymers in Synthetic chemistry

This Theme is associated with polymer chemistry which is concerned with the chemical synthesis and chemical properties of polymers. Polymer chemistry is a multidisciplinary science that deals with the chemical synthesis and chemical properties of polymers which were considered as macromolecules. Polymer and Biochemistry is having a very strong prospect to have a discussion due to their consistent usage in different forms.

7: Technical Aspects of Analytical Chemistry

This Theme of Analytical chemistry deals with the science of obtaining, processing, and communicating information about the composition and structure of matter. With the advancement of demands in certain parameters like accuracy, precision, accurate control on the chemical composition of materials has made the researches in analytical chemistry more prevalent in the present day.

8: Major Challenges in Environmental and Atmospheric chemistry

This Theme seeks to represent a great understanding on atmospheric issues with original research, contemporary developments in industrial waste and water treatment, spectro-analytical method, atmospheric modelling, satellite management, weather forecasting and independent study, global warming science and also allow possible solutions to be tested for upcoming environmental problems and the effects of changes in government policy evaluated.

9: Opportunities and Challenges in Drug Design

This Theme of Drug Design is designed to showcase the troubleshoots coming in the way of this noble approach towards the drug design, and the advanced and actual directional methods which can be applied on a multidisciplinary and transdisciplinary aspect to enhance the further opportunities in this field.

10: Network Driven Drug Design

This Theme of Network-Driven drug discovery is designed to visualize and understand the bigger picture of cells and disease mechanisms which would ultimately lead to an efficient way of creating better drugs. As a whole, it is basically an optimized and improvised version of this target driven drug discovery and can be considered as-A computational network biology approach to drug discovery.

11: Physical and Inorganic Chemistry

Physical chemistry focusses on rigorous description of the properties of molecules and the vital processes involved in chemical change, while inorganic chemistry primarily aims at understanding how metallic elements interact with other compounds.

12: Organic Chemistry

Organic chemistry plays an important part in our daily life because food, clothes, paper, ink, rubber, soap, perfumes, medicines etc. are indispensable to us for proper living. Organic compounds are important constituents of many products e.g., paint, food, plastic, explosive, medicine, petrochemical, pesticide etc. Organic chemistry is important because it is the study of life and all of the chemical reactions related to life. Several careers apply an understanding of organic chemistry, such as doctors, veterinarians, dentists, pharmacologists, chemical engineers, and chemists.

Conference Publication Opportunity

1. All selected abstracts will be published in proceedings with ISBN (e-abstract book-PDF).
2. Selected full papers will be also published in the form of edited book with ISBN number.
(With National ISBN Rs 1000/- per Paper, With International ISBNRs 2000/- per Paper)

Fee for Conference

INR 500 for PG Students and Ph. D Scholars.
INR 300 for UG Students
INR 1000 for Faculty & Industrial Persons.
USD 100 for Foreign Delegates

Registration fee for Award Nominations

INR 500 (Non Refundable)
Note: After Acceptance, INR 4000 for both Trophy and Certificate, INR 1500 for Only certificate need to pay towards Processing Charges. Inclusive of Announcement of the Award during Conference and Despatching of the kit to the Awardees address..

Important Dates

| | |
|-----------------------------------|---------------|
| Last Date of Abstract Submission: | 30 JULY. 2023 |
| Full Length Paper Submission: | 10 AUG 2023 |
| Last Date of Registration: | 15 AUG 2023 |
| Participation & Award: | 20 AUG 2023 |

Conference Directors

Dr Aruna Kumari Nakkella
Founder and Chairman, Sidvi Foundation
Visakhapatnam AP India. Cell: 8500472665

Dr. D. Jayarajan
M.Sc.,M.Phil.,PhD, ISCA Head,
Dept of Medical Lab Technology
Divine Mother College,Korkadu, Puducherry

Conference Coordinators

Mr. Rahul L. Thengane
Assistant Professor, L.T.Mv. Wani

Dr. Prashant B. Lihitkar
Assistant Professor, L.T.Mv. Wani

Patrons

Shri. Ramesh Rao L. Bohara
Vice-president, S. P. M. Wani.

Shri. Laxman Rao V. Bhedi
Secretary, S. P. M. Wani

Ashokrao R. Sontakke
Joint-Secretary, S. P. M. Wani

Co-Patrons

Shri. U. A. Kuchankar
Shri. N. K. Thakre

Shri. N. M. Bardiya
Shri. A. R. Jaiswal
Shri. V. A. Mandaokar

Shri. P. D. Deshmukh
Shri. D. B. Surawar

Chief-Convenor

Dr. Prasad A. Khanzode
Principal, L.T. Mv. Wani

Convenor

Dr. Sunanda S. Aswale
Professor and Head, Department of Chemistry
L. T. Mv Wani.

Contact Details

Dr. Aruna Kumari Nakkella
Cell: 8500472665

For submission

icfcs2023tejas@gmail.com

Links for Registration

Registration Links for Conference

<https://forms.gle/S1Vw9KJqTAo2fAKf7>

For Award Nomination

<https://forms.gle/yvYDD3bw7x2si8Yn6>

Award Categories

- Best Entrepreneurship Award
- Green Environment promotion Award
- Research Excellence Award
- Innovative Educationist Award
- Technological Innovations Award
- Innovations in Green Practices Award
- Best Teacher Award
- Young Reseracher Award
- Academic Reseracher Award
- Young Professional Development Award
- Young Scientist Award
- Best Education Award
- Life Time Acheivment Award

- Best Environmentalist Award
- Best paper Writing Award
- Best Paper Presentation Award
- Best Research Socholar's Award
- Paryavaran Parirakshak Award
- Best Social Service Award
- Education Promotion Award
- Award for Social Awareness
- Best Faculty for Teaching Innovations
- Senior Scientist Award
- Innovative Practices in Law Award
- Best Water Technologist Award

Payment Details

Mr. Naveen Sai
Account number: 35965443640
Branch Name: SBI Main Branch Kambal Tank
IFSC: SBIN0000904
Gpay, Paytm number: 9493183941

