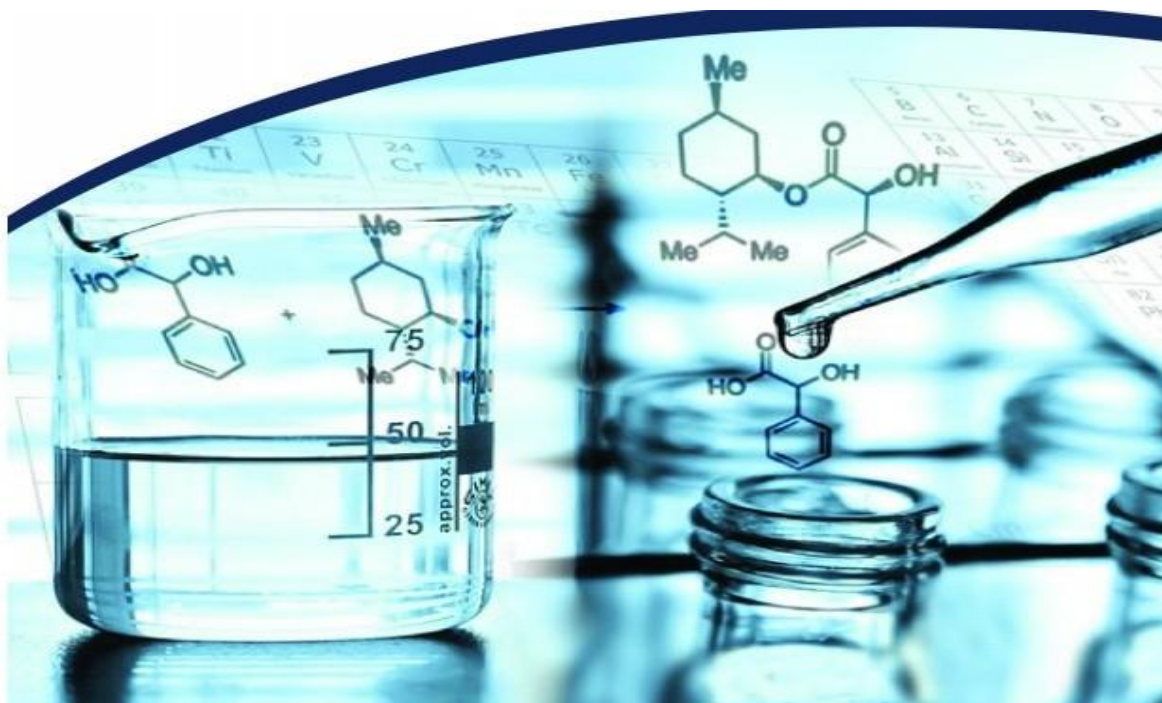


**AICON'19**  
**All India Conference**  
**on**  
**26<sup>th</sup> - 27<sup>st</sup> APRIL 2019**  
**“New Age Skills” in Chemical Sciences**



Organised by:

**Department of Engineering Chemistry**

**Chhatrapati Shivaji Institute of Technology**

(ISO9001:2015 Certified & NBA Accredited Institute)

Managed by: Shivnath Shikshan & Seva Samiti

Approved by: AICTE, New Delhi & Affiliated to CSVTU, Bilai

Shivaji Nagar, Balod Road, Durg (C.G.) +91-788 – 2625277, 2625288, 2625303, Fax : 2625266 [info@csitdurg.in](mailto:info@csitdurg.in)

[www.csitdurg.in](http://www.csitdurg.in)

## **Objective:**

New age skills in chemical Sciences deals with overcoming the generic skills present in chemical world. This gives enhanced efficiency in data analysis, its handling and interpretations. The results of this skills helps in new innovation in various field of chemistry. They create vast new markets, which unsettles established products and technology. New Skills provide ability to organize and interpret scientific data, brings proficiency in mathematical calculations, computers and usage of scientific instruments. It helps in understanding and expressing complex technical information with problem solving abilities. Also it provides knowledge of safety protocols and procedures.

Researchers have to use critical thinking skills to evaluate and solve problems, demonstrating the ability to be creative and innovative in identifying solutions. They also have to analyze complex textual and cultural phenomenon to develop critical observations for the betterment of society. Two days National Conference has been organized to take up objective & insight by sharing knowledge through researches in various fields with varied scope.

## **Scope:**

The scope of conference is as follows:

- Nano Chemistry
- Material Chemistry
- Structural Biology
- Molecular Biology
- Application of software in chemical world
- Environmental Issues & Health Effects
- Atmospheric Modeling studies
- Spectroscopy
- Other relevant topics and researches

## **AICON-2019**

### **ABOUT AICON**

To show case the development in Science & Technology and provide opportunities and requisite platform to researchers, CSIT has been organizing **All India Conference (AICON)** in Mechanical Engineering, Mechatronics Engineering, Computer Science & Engineering, Electronics & Telecommunication Engineering, Electrical & Electronics Engineering, Information Technology, Civil Engineering and Basic Sciences (Physics, Chemistry, Mathematics) & Humanities English (Comm. Skills) .

The tremendous response from Academic & Industrial fraternity from all over the country for previous editions of AICON has motivated us to organize AICON-19 (11<sup>th</sup> Edition) during 26<sup>th</sup> – 27<sup>th</sup> April, 2019.

We live in complex society with quick access to information, rapidly changing and ability to collaborate on a global scale. Today’s students love technology. But to prepare for tomorrow’s success, they need to be able to use technology to develop 21<sup>st</sup> Century skills. This has encouraged us to organize AICON-19 (11<sup>th</sup> Edition) with theme “**New Age Skills**” but not limited to, on a much bigger Canvas.

“**New Age Skills**” conference will be an opportunity for researchers/ academicians to indulge in deliberation/exchange views and ideas on most hot, debatable and addressed issue today.

## **ABOUT SHIVNATH SHIKSHAN & SEVA SAMITI**

Increasingly rapid advances in technology are creating unprecedented opportunities for innovation in every field of engineering today. Opportunities to benefit society through engineering advancements are unparalleled in history. CSIT pushes the frontiers of Modern Science and Engineering through Teaching and Research. With this in mind, Eminent Academicians, Educationalists, Administrators & Enthusiastic people of Chhattisgarh have initiated the formation of a society named of Shivnath Shikshan & Seva Samiti, registered under the Provision of the statute 44, of M.P. Vishwavidhyalaya Adhiniyam 1973, under the aegis CSIT was established at Durg with the following aims:-

- The overall Development of C.G.in the fields of Education, Economy & Social Up-gradation.
- Development of Rural Technology, Infrastructure & Conservation of Environment.
- Deliver world-class, research-based Education to Students, and Broad-based Training to Leaders in Academia, Industry and Society.
- To expand the base of Engineering Knowledge through Original Research and by Developing Technology to serve the needs of Society.

## **ABOUT INSTITUTE**

Global Competitive Spirit is the trademark of all the technical institutes of the world as Globalization has indeed arrived on the wings of science & technology and is here to stay. CSIT, an AICTE recognized ISO 9001 – 2015 Certified, NBA and NAAC Accredited institute and affiliated to Chhattisgarh Swami Vivekanand Technical University, Bilai is a premier Center for Excellence and has laid its foundation on this base in the year 1999.

Since then, the college has progressed in leaps and bounds and is undergoing a continuous process of improvement in all aspects of curricular and extracurricular activities. One can experience a polarization of facilities and resources of metro setting as well as peace, environment and true nature of the rural setting on this campus.

Unique in its structure, methods and goals, the college is strongly rooted in a philosophy of training and research that emphasizes the intimate relationship between knowledge and its application and seeks to promote the creation of an ideal society. CSIT provides a congenial atmosphere for diligent academic pursuits.

**UNDER GRADUATE COURSES**

Department	Course	Estd.	Seats
B.E	Mechanical Engineering	1999	90
	Electronics & Telecommunication Engineering	1999	90
	Computer Science & Engineering	1999	90
	Electrical & Electronics Engineering	2002	90
	Information Technology	2008	45
	Mechatronics Engineering	2009	45
	Civil Engineering	2017	45

**POST GRADUATE COURSES**

M.Tech/M.E.	Electronics & Telecommunication Engineering	2010	18
	Computer Science & Engineering	2010	18
	Mechanical Engineering (Industrial Engg. & Mgmt.)	2010	18
	Electrical & Electronics Engineering (Electrical Devices and Power Systems)	2013	18
Doctoral Courses	Mechanical Engineering		
	Computer Science & Engineering		
	Computer Application		

## **OUR MISSION**

- ◆ To create inspiring environment that will be most suited for Research, Creativity and Innovation.
- ◆ Providing quality technical education at par with global standards.
- ◆ To accomplish National Centre of Excellence in collaboration with Industry.
- ◆ To establish international alliances and collaborations with foreign universities to achieve global excellence.

## **OUR VISION**

To nurture world class intellectual growth by imparting High Quality, Futuristic Technical Education to emerge as one of the best technical institutes, to serve the mankind.

## **QUALITY POLICY**

To produce all rounded skillful and suave engineering graduates with intellect and knowledge along with positive outlook and savvy.

## **Location:**

C.S.I.T is located on Balod Road Shivaji Nagar near Kolihapuri, P.O. Pisegaon, Durg and approximately 2 km away from the National Highway - 6 (Howrah –Mumbai route) on which Durg –Bhilai twin cities are situated . The CSIT campus is 5.5 km. away from Durg Bus Terminal and approx, 8 KM from Durg Railway Junction which is well connected to the major cities of India by Rail. Mana airport, Raipur is about 40 km.

## **About the Department:**

Department of Chemistry has grown into a centre for teaching and research in Chemical Science. Since inception, continuous efforts have been made to prove excellence in academics and research. Department has goal to achieve heights in academics and research with a setup of state of art chemical and research laboratory. It has a credit of several national and international publications in reputed journals. Striving for mission, there are still more milestones to setup in future.

## **Eligibility**

Research Scholars  
Academicians from Engineering Colleges  
Professionals from Industries

## **Contact Details :**

### **Dr. Pratibha S. Kurup**

Sr. Assistant Professor & Head  
Department of Engineering Chemistry  
Chhatrapati Shivaji Institute of Technology  
Durg, Chhattisgarh  
India  
Email: pratibhakurup@csitdurg.in  
Mob. 09589954472,8966000098

## **Important Dates:**

Full Paper with abstract	:	23 <sup>rd</sup> March, 2019
Acceptance Information	:	01 <sup>st</sup> April, 2019
Presentation Dates	:	26 <sup>th</sup> – 27 <sup>th</sup> April, 2019



**Registration Fees:**

For Researchers	:	Rs. 1000/-
For Academicians	:	Rs. 1500/-
For Industry Professionals	:	Rs. 2000/-
Co-Author's Certificate	:	Rs. 300/-

**Accommodation:**

Outstation candidates are likely to be accommodated in the college campus hostels (boys and girls) on request. Participant willing to stay in hotel may send their request well in advance for booking at their cost.

**Guidelines for Submission:**

Prospective authors are invited to submit papers through easy chair reflecting original, unpublished work in the above mentioned fields. Papers should not exceed six pages including results, figures and references .Manuscript templates are available on the website

<http://www.csitaicon.in/submission.html>

The CD ROM proceedings of accepted papers will be made available at the conference.

Only the papers that will be presented at the conference will be sent to the reputed international journals for publication on payment basis. Only electronic submissions with word files will be accepted via Easy Chair website.

Authors are expected to present their papers at the conference upon acceptance and the presenting authors are required to register for the conference.

**Pre Registration Form**  
**Chhatrapati Shivaji Institute of Technology, Durg**  
**AICON – 19**  
**ALL INDIA CONFERENCE**  
**26<sup>th</sup> – 27<sup>th</sup> April, 2019**

Name .....

Designation .....

College /Organization .....

Address .....

.....

.....

Phone No .....

Mobile No (If any) .....

E-Mail .....

Fax : .....

I shall attend / present paper .....

.....

Title of the paper: .....

.....

.....

Accommodation required:  Yes  No

Details of Registration Fee:

DD No, & Date .....

Bank .....

Signature of sponsoring authority .....

**DD in favour of Director CSIT Durg, Payable at Durg**

## **Patron**

<b>Mr. Ajay P. Verma</b>	:	Chairman, CSIT
<b>Mrs. S. Deshmukh</b>	:	President, SSSS
<b>Mr. R. N. Deshmukh</b>	:	Executive Member, SSSS
<b>Mr. Rajesh Deshmukh</b>	:	Executive Member, SSSS

## **Organizing Chair**

<b>Dr. Anurag Verma</b>	<b>Director &amp; Professor</b> <b>Mechanical Engineering</b>
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## **National Advisory Committee**

### **Prof. Debasish Roy**

Department of Chemistry

IIT, Khadagpur

### **Prof. Santosh Sar**

Department of Chemistry

Bhilai Institute of Technology, Durg

### **Prof. Pranab Shrivatava**

Department of Chemistry,

Ahmadabad University, Gujrat.

### **Dr. Mrs. Supriya Biswas**

Department of Chemistry

Shri Shankaracharya Group of Institutions,

Junwani, Bhilai.

### **Dr. (Mrs.) Sumita Nair**

Department of Chemistry

Bhilai Institute of Technology, Durg

## **Central Organizing Committee**

Prof. Sanjay Singh	:	Training & Placement Officer
Prof. O.P. Yadav	:	Associate Professor (ETC)
Prof. Vinay Bhardwaj	:	Assistant Professor (CSE)
Mr. Rajesh Verma	:	Registrar
Mr. Vijay Bhonsle	:	Accounts Officer
Mr. Rajiv Nair	:	Corporate Relations Manager

## **Departmental Organizing Committee**

### **Convener**

**Dr. Mrs. Pratibha S. Kurup**  
Sr. Assistant Professor & Head,  
Department of Chemistry, CSIT, Durg

### **Organizing secretary**

Mr. Shailendra kumar Kushawaha

### **Member**

Mr. Tameshwer sahu