



NATIONAL CONFERENCE  
ON  
**ADVANCES IN CHEMISTRY, FOOD  
TECHNOLOGY & ENVIRONMENTAL  
SCIENCES TOWARDS SUSTAINABLE  
DEVELOPMENT**  
**[NCSD-2019]**



**March 08-09, 2019**

**Venue:**

**R.B.S.Engineering Technical Campus, Bichpuri [Agra],India**



**Organized by**

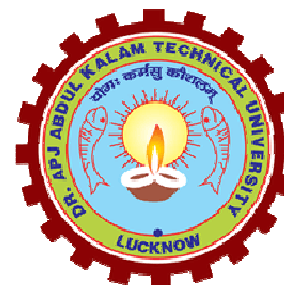
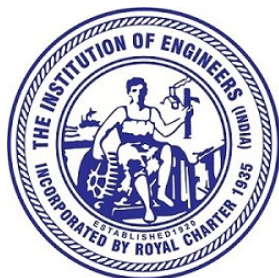
**Department of Chemistry**

**&**

**Post Graduate Department of Food Technology**

**RAJA BALWANT SINGH ENGINEERING TECHNICAL CAMPUS  
BICHPURI (AGRA), [U.P]-283105**

*In association with*



## **ABOUT THE INSTITUTE :**

Raja Balwant Singh Engineering Technical Campus, Agra was started in the year 1996 & is a part of the historic R.B.S College, Agra (formerly B.R.College) founded in 1885, which is the largest college of Asia-Pacific in terms of area & the disciplines being taught presently. This Institute is imparting education in the branches of Computer Science and Engineering, Electronics and Communication Engineering, Civil Engineering, Food Technology, Chemical Engineering, Biotechnology, Electrical Engineering & Mechanical Engineering and Pharmacy and Architecture & Town Planning affiliated to Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow. This Institute is approved by All India Council of Technical Education (AICTE, New Delhi) and offers undergraduate and post graduate courses. The Faculty of Pharmacy is approved by the Pharmacy Council of India and the Faculty of Architecture & Town Planning is approved by the Council of Architecture.

## **ABOUT THE CONFERENCE:**

In the present times it is becoming increasingly evident that the rapidly advancing degradation of the natural environment, coupled with excessive consumption of the natural resources is threatening the sustainability of mankind. The definition of Sustainable Development as per the World Commission on Environment and Development (WCED) puts it as "maintaining the needs of the present generation without compromising the ability of future generations to meet their needs"

The study of the Earth, energy, and the environment—together—is critical for gaining a thorough understanding of where life stands today amid the continuous growth and development around us. A deep understanding of the impact of various activities on the environment we live in is critical to sustaining life on this planet.

The Sustainable Development can only be achieved in real terms in the environment is protected, there is food security & the Ecological balance is maintained. Blending traditional and frontier technologies leads to the birth of eco technologies with combined strength in economics, ecology, equity, employment, and energy. Sustainable Development is a complex and multi dimensional concept and embraces the disciplines of Chemistry, Food Sciences and Technology, Environmental Sciences and Agriculture Sciences.

The conference is aimed to promote sustainable development through the various advance researchs made in the field of chemistry, Environmental Sciences & Food Technology. As part of efforts to attain food security across the globe, experts have called for the adoption of genetically modified crops as a means of providing enough food for the fast-growing world population. Value addition programs to ensure that food is processed and preserved at affordable cost to cut down on the rampant wastage during bumper harvests and ensure food sufficiency are the need of the hour.

The output of the discussions and deliberations done during this conference shall focus on the promotion of Clean, Green and Economic Technologies to address the issues of Food Security & Value addition through the use of modern optimized crop production and prevention of post harvest losses along with value addition and to provide inspiring visions and innovative interdisciplinary research methods to attain environmental, economic and social objectives.

This conference shall help in developing interdisciplinary partnerships to form a united educational platform for moving towards environmental sustainability.

## **CONFERENCE THEMES :**

This National Conference shall cover the following themes and topics:

- **Chemistry towards Sustainable Development**
  - Chemistry and Environment Management
  - Green Chemistry
  - Bioinorganic Materials and Nanotechnology
  - Photochemistry and Electrochemistry
  - Organic synthesis- Recent green development
  - Water Management
  - Climate Change
  - Nano particles , Nano composites and Nano porous Materials For Bio-applications

## ➤ **Food Science and Technology towards Sustainable Development**

- Food Safety and Food Security
- Food Fortification and Supplementation
- Food Bioavailability
- Functional Foods, Nutrition & Nutraceuticals
- Application of Artificial Intelligence in Food Engineering Research and Industry
- Enzyme Engineering
- Industrial Biotechnology
- Mathematical Modeling and Software Development For Food Processing Purpose

## ➤ **Environmental Sciences towards Sustainable Development**

- Environmental Engineering and Sustainable Development
- Environmental Sciences and Technology
- Soil Conservation
- Sustainable Agriculture
- Sustainable & Clean Technologies towards Environment Protection
- Soil Sciences

### **REGISTRATION FEES:**

#### **Till February 09, 2019:**

- » **Delegates** : **INR 1500=00**
- » **Persons from Industry:** **INR 2000=00**
- » **Students** : **INR 800=00**

#### **After Last Date & Spot Registrations:**

- » **Delegates** : **INR 2000=00**
- » **Persons from Industry :** **INR 3000=00**
- » **Students** : **INR 1000=00**

The registration fee includes Conference Kit, Lunch, Session Tea, Conference Dinner, Souvenir and Excursion. Payment of registration fees can be made through Demand Draft / NEFT or RTGS.

- In case of Demand Draft, it should be drawn in favor of: **“R.B.S Engineering Technical Campus Conference Account”** payable at Agra.
- In case of Payment though Online Mode, the details are as under:

<b>Account Name</b>	<b>R.B.S Engineering Technical Campus Conference Account</b>		
<b>Account Number</b>	<b>291601000002502</b>	<b>IFSC Code</b>	<b>IOBA0002916</b>
<b>Bank Name &amp; Branch</b>	<b>Indian Overseas Bank, Bichpuri , Agra</b>	<b>SWIFT Code</b>	<b>IOBAINBB266</b>

The details of Fees paid along with the completely filled Registration form should be send through registered post to following address:

**Dr. Sapna Tomar, Organizing secretary (NCSD-2019)**  
**R.B.S Engineering Technical Campus, Bichpuri (Agra) [U.P.] -283105**  
**Mobile-9410668732**

### **ACCOMMODATION:**

Limited Accommodation for outside delegates can be provided on payment basis in our Boys and girls Hostels on First Come First Serve basis. The charges shall be ₹ 300= 00 per person per day on Twin sharing basis.

**Please note that Accommodation booking will be done only after the receipt of 100% payment in advance**

### **CALL FOR ABSTRACTS, POSTERS & PAPERS:**

Participants are required to submit abstracts in MS Word file **on/before February 09, 2019**. The Abstracts should be neatly typed in Times New Roman, Font size 12 with the Title in Capital Letters & Bold. Name of Authors & Institute/Organization in Times New Roman, Font Size 10. One registered delegate can present only one paper; however, he/she could be co-author in more than one abstracts. Posters (1x1.2 m) should include Title, Name and address of the Author(s) and Short Introduction, Material & Methods, Results and Conclusions.

**Communications should be addressed to: [ncsd19@gmail.com](mailto:ncsd19@gmail.com)**

## ABOUT AGRA CITY:

Agra, the former capital of Hindustan (India), is a city on the banks of the river Yamuna in the northern state of Uttar Pradesh, India. It is 200 kilometers south of the national capital New Delhi. It achieved much fame as the capital of the Mughal Empire from 1556 to 1658. It is a major tourist destination because of its many splendid Mughal-era buildings, most notably the Taj Mahal, Agra Fort and Fatehpur Sikri all three of which are UNESCO World Heritage Sites. Also it is about 55 km away from the Holy city of Mathura-the land of temples & the Birthplace of Lord Krishna.

## Weather during the event:

The weather during the month of March is quite pleasant. Days are bright and cool. It is one of the best times of the year for sightseeing & outdoor activities.



## Excursion Tours:

Excursion will be arranged depending upon the response to Taj Mahal / Fatehpur Sikri. No additional payment is required for the same

## PATRONS

### Prof. Vinay Kumar Pathak

Hon'able Vice Chancellor,  
A.K.T.U, Lucknow.

### Prof. G.C.Saxena

Former Vice Chancellor  
RML Univeristy, Faizabad &  
Dr. B.R.Amedkar University, Agra

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Prof. Shiv Kumar, Institute of Food Technology, BU, Jhansi	Mr. Magan Mittal, Proprietor, Balaji Agro Foods, Agra

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<b>Co- Org. Secretary</b>	<b>Dr. Namrata Gupta</b>	<b>Member</b>	<b>Dr. Nitin Agrawal</b>
<b>Co- Org. Secretary</b>	<b>Er. Ashish Khare</b>	<b>Member</b>	<b>Arch. Amit Singh</b>
<b>Co- Org. Secretary</b>	<b>Dr. Shyamveer Singh</b>	<b>Member</b>	<b>Dr. D.S.Tomar</b>
<b>Coordinator</b>	<b>Dr. V.K Srivastava</b>	<b>Member</b>	<b>Dr. S.P.Pandey</b>

# REGISTRATION FORM



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[NCSD-2019]**



<b>1</b>	<b>Name (in block letters)</b>	
<b>2</b>	<b>Position</b>	
<b>3</b>	<b>Mailing Address</b>	
<b>4</b>	<b>Contact Phone no.(s)</b>	
<b>5</b>	<b>E mail</b>	
<b>6</b>	<b>Title of paper</b>	
<b>7</b>	<b>Registration Fee Payment / Transfer Details</b>	<b>D.D. No.:</b> _____ <b>Date</b> _____ <b>Amount:</b> _____ <b>Drawn on bank</b> _____ <b>NEFT/RTGS Details:</b> _____
<b>8</b>	<b>Accommodation required</b>  <b>Yes / No</b>	<b>Hostel:</b> _____ <b>Single room :</b> _____ <b>Double room:</b> _____
<b>9</b>	<b>Arrival Time and Date</b>	
<b>10</b>	<b>Departure Time and Date</b>	
<b>Place &amp; Date:</b>		<b>Name &amp; Signature</b>



## Founder of the Institute



**Raja Balwant Singh Ji of Awagarh  
1853-1909**



## **RAJA BALWANT SINGH ENGINEERING TECHNICAL CAMPUS BICHPURI (AGRA) – U.P. [INDIA] PIN: 283105**

[www.fetrbs.org](http://www.fetrbs.org)

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