

## ABOUT THE UNIVERSITY

J.C. Bose University of Science and Technology, YMCA, Faridabad (formerly YMCA University of Science and Technology) was established in 2009 by Haryana State Legislative Act No. 21 of 2009 and Haryana Government Gazette Notification No. 29 of 2009, dated 16.09.2009. Before the University came into existence, it had a humble beginning in 1969 as YMCA Institute of Engineering with an intake of 120 students. It was an Indo-German Project – a joint venture of the state Government (erstwhile Punjab) and National Council of YMCAs of India with active assistance from overseas Agencies of West Germany.

At present, the University offers B.Tech and M.Tech programs in core and specialised engineering disciplines, various UG and PG level courses in Science, Computer Applications, Management and Mass Communication and also offers Ph. D. programme in all disciplines. The University also runs various B.Voc and skill related diploma and certificate courses under its Community College of Skill Development. The University is well known for its track record of employment of the pass out students since its inception. The University has been recognized at various levels by the agencies including UGC, AICTE, NAAC, NBA and NIRF. The University is situated right on the National Highway No.2 known as Mathura Road, 32 kms. from the Nation's Capital, New Delhi.

## ABOUT THE DEPARTMENT

The Department of Chemistry, established in 2016, is one of the newly constructed departments of the J. C. Bose University of Science and Technology, YMCA and is committed to research and teaching since its inception. The department started Master's in Science (Chemistry) 2-year programme in 2016 and immersed with Ph. D. programme in 2017 and B. Sc. Chemistry (Honours) in 2018, and obligated to core courses in Chemistry for undergraduate B. Tech. students.

The Department has a dedicated team of faculty members trained at renowned institutes in India and abroad. This growing department with young faculties offers a vibrant atmosphere to nurture the spirit of scientific inquiry. We are constantly on the lookout for bright young minds who would enrich our department by joining us in the capacity of students and researchers.

### Patron

**Prof. S. K. Tomar**

Vice Chancellor

J.C. Bose University of Science and Technology,  
YMCA, Faridabad, Haryana (India)

### Programme Chair

**Prof. Anuradha Sharma**

Dean

Faculty of Science

**Dr. Ravi Kumar**

Chairperson

Department of Chemistry

J.C. Bose University of Science and Technology,  
YMCA, Faridabad, Haryana (India)

### Convener

**Dr. Bindu Mangla**

Associate Professor

**Dr. Sita Ram**

Assistant Professor

Department of Chemistry

J.C. Bose University of Science and Technology,  
YMCA, Faridabad, Haryana (India)



**J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY,  
YMCA, FARIDABAD, HARYANA (INDIA)**

A State Government University (Accredited "A" Grade by NAAC)

## DEPARTMENT OF CHEMISTRY

IN ASSOCIATION WITH

**IKS CELL, ACS ISC, AND VIBHA HARYANA**

ORGANISING

**ONE WEEK  
FACULTY DEVELOPMENT  
PROGRAMME  
(FDP)**

On

**ROLE OF SCIENCE AND  
TECHNOLOGY IN NATION  
DEVELOPMENT**

1<sup>st</sup> – 5<sup>th</sup> September, 2025



## OBJECTIVES OF THIS FDP

- To explore the vital role that science and technology play in shaping national development.
- To understand the connection between technological advancements and economic growth.
- To provide participants with insights into government policies promoting scientific and technological innovation.
- To examine case studies on how scientific discoveries and technologies have driven progress in various sectors.
- To enhance the faculty's ability to integrate these concepts into their teaching and research.
- To foster collaboration and knowledge sharing between academia, industry, and policymakers.

## CURRICULUM FOR THIS FDP

The Faculty Development Program on the "Role of Science and Technology in Nation Development" aims to provide faculty with the knowledge and tools to better understand and convey the critical importance of science and technology in fostering national growth. By bringing together experts from academia, government, and industry, this FDP will help participants explore the dynamic ways in which they can contribute to both education and national development. We look forward to an enriching and productive week of learning, collaboration, and innovation.

## WHO SHOULD ATTEND?

- Faculty members and research scholars from the Departments of Science, Technology, Engineering, and related fields.
- Researchers and academicians interested in the intersection of science, technology, and national development.

## REGISTRATION PROCESS

### Instructions for Registration to the FDP Programme

1. Fill out the Google Form.: <https://forms.gle/6RQancG9FntGZfLP9>
2. Take a printout of the form response received and get it duly signed by your HOD/competent authority.
3. Submit the signed copy as a scanned copy via email to [sitaram@jcboseust.ac.in](mailto:sitaram@jcboseust.ac.in) by 28<sup>th</sup> August, 2025.

## Additional Information

- **Seats: Limited, on a first-come, first-served basis.**
- **Registration Fee: No registration fee.**
- Accommodation: Available on a paid basis, as per University Guest House norms.

## IMPORTANT NOTE

**Certificates will be provided only after successful completion of the programme with at least 90% attendance.**

## ORGANIZING TEAM

- Dr. Sangeeta Dhall
- Dr. Vinod Kumar
- Dr. Anurag Prakash Sunda
- Dr. Pooja Chhokar
- Dr. Amit Rajput
- Dr. Sunil Kumar
- Dr. Sandeep Kumar
- Dr. Bhawna Uttam
- Dr. Vishwas Khurana
- Dr. Shilpa Behl

## For any query, feel free to contact

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