1	Name of Activity	Colloquium-IX
2	Type of Activity (FDP/Lecture/Technical/conference etc.)	“System biology to synthetic biology” by Dr. Ranbir Chander Sobti
3	Name of Department/Section/Cell conduction the Activity	Director, Research & Development Cell
4	In co-ordination with (if any)	-
5	Date of Conduct	08.11.2024
6	Name of the Activity coordinator(S)	Dr. Sonia, Dr. Rewa, Dr. Arpita
7	Amount Spent	
8	Funding/grant from University/Industry/UGC/AICTE/DST/TEQIP/Outside Society/agency/others (Mention)	R & D Cell, J.C. Bose University of Science & Technology, YMCA Faridabad
9	Target audience	Students, Ph. D Scholars
10	No. of beneficiaries	120
11	Name of Outside Guests	Nil
12	Any other information	Appended below
13	Also attach two/three good quality photographs	Enclosed

J.C. Bose University organized colloquium on 'System Biology to Synthetic Biology'

The Research and Development Cell of J. C. Bose University of Science and Technology, YMCA, Faridabad hosted a Colloquium on “System Biology to Synthetic Biology,” featuring a keynote address by Prof. Ranbir Chander Sobti, a distinguished Cell Biologist and former Vice-Chancellor of Panjab University, Chandigarh.

The event was part of an ongoing colloquium series initiated by the Research and Development Cell, under the guidance of Vice-Chancellor Prof. Sushil Kumar Tomar, with the aim of fostering research initiatives within the university.

In his opening remarks, Vice-Chancellor Prof. S.K. Tomar highlighted the significant contributions of eminent Indian scientists, such as Nobel laureate Sir CV Raman, to the advancement of scientific research in India. He also outlined the university's efforts to promote research activities.

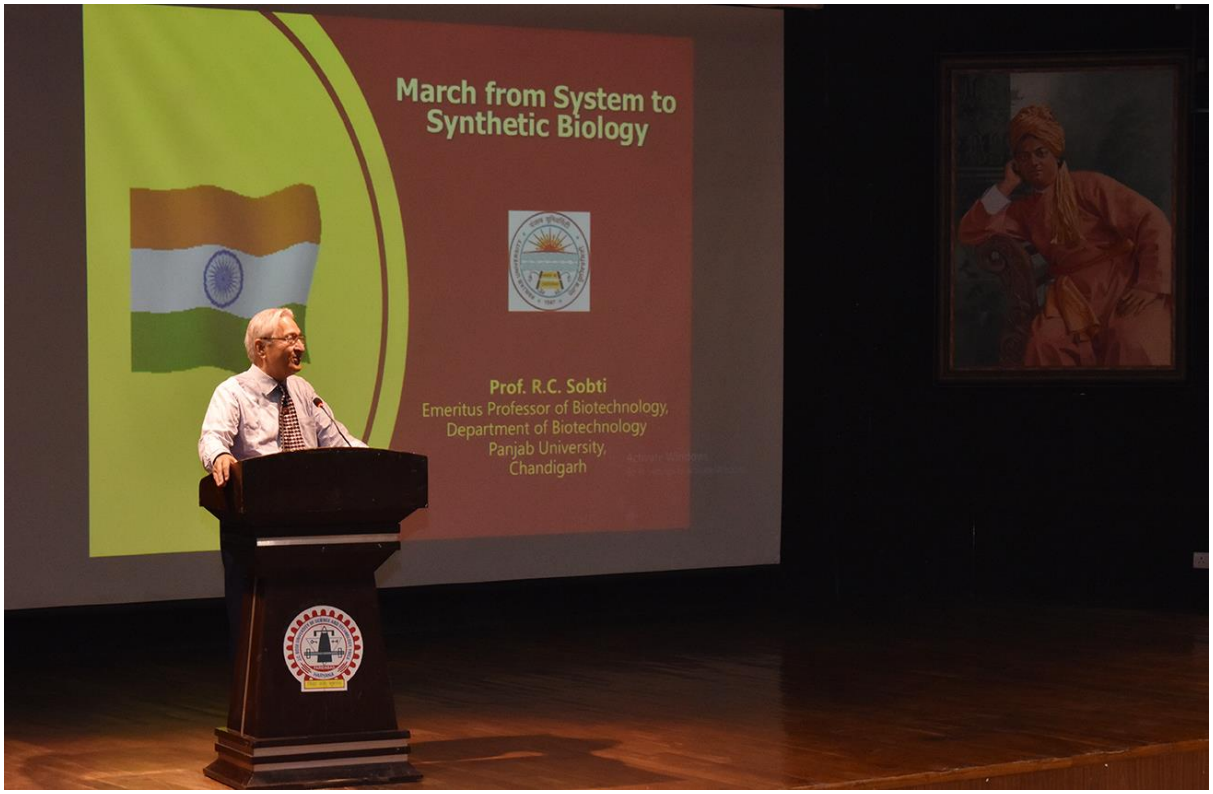
Prof. Sobti, a recipient of the Padma Shree award, delivered an enlightening talk titled 'March from System to Synthetic Biology,' which explored the transition from traditional biological research to the innovative field of synthetic biology. He discussed the application of synthetic biology with engineering principles in designing and constructing new biological components, systems, and devices. Prof. Sobti also emphasized the integration of Biology, Chemistry, Physics, and Mathematics through groundbreaking discoveries and inventions, and the way that these disciplines are being redefined by emerging fields such as Bioengineering, Instrumental and Analytical Technology, and Artificial Intelligence.

The colloquium also had the honour of hosting Prof. Paramjit Khurana from Delhi University as the guest of honour. Prof. Khurana provided valuable insights into the field of biological sciences. The program ended with a vote of thanks by Prof. Maneesha Garg, Director (R&D).

The colloquium was well-attended by Deans, Chairpersons, faculty members, and researchers from various departments. The session was expertly coordinated by Prof. Sonia, Dr. Rajeev Saha, Dr. Rewa Sharma, and Dr. Arpita.

A tree planting activity, symbolizing the university's commitment to environmental sustainability, was also organized to mark the occasion.

The Research and Development Cell is dedicated to organizing such events to cultivate a research-oriented culture and build a community of scholars who are poised to make significant contributions to the realm of knowledge.


March from System to Synthetic Biology
Prof. R.C. Sobti
Emeritus Professor of Biotechnology,
Department of Biotechnology
Panjab University,
Chandigarh


March from System to
Synthetic Biology