



ABOUT THE CONFERENCE

Synthetic biology is a new emerging field where engineering principles apply in biology. Recent advances in synthetic biology have been used for development of drugs, vaccines, diagnostics, fine chemicals, biofuels and so on. Currently, synthetic biology technologies are on high priority for development of gene synthesis, sequencing, assembly of biosynthetic pathways to genome and genome editing for biotechnological applications. The conference brings together eminent scientists, from spectrum of synthetic biology, metabolic engineering, and genome engineering.

You are welcome to attend this new unfolding arena of synthetic biology.

OBJECTIVES

- To understand basic of synthetic parts, devices and systems.
- To understand DNA synthesis, DNA sequencing, genome designing and assembly.
- To build biosynthetic pathways for production of biomolecules.
- To understand small regulatory RNAs.
- To understand the CRISPR-Cas technology.

THEMATIC AREAS

- Synthetic parts, devices and systems
- Non coding small regulatory RNA
- Biodesign and chemical biology
- Gene synthesis and assembly
- Next-generation DNA sequencing
- Biosynthetic pathways for metabolites
- Genome editing CRISPR technology

CONFIRMED SPEAKERS

Prof. Samir K Brahmachari
Former DG, CSIR, New Delhi

Prof Guhan Jayaraman
IIT Madras, Chennai

Prof Chaitanya G Joshi
GBRC, Gandhinagar

Dr Chaitanya Athale
IISER, Pune

Dr Nisheeth Agarwal
THSTI, Faridabad

Dr Madhvi Joshi
GBRC, Gandhinagar

Dr Shashi Kumar
ICGEB, New Delhi

Dr Sangram Bagh
SINP, Kolkata

Dr Syed Shams Yazdani
ICGEB, New Delhi

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FIRST NATIONAL CONFERENCE
ON

SYNTHETIC BIOLOGY FOR REPROGRAMMING CELLS

24-25 JANUARY, 2020 | AT INDRASHIL UNIVERSITY, KADI, GUJARAT

ORGANIZED BY

DEPARTMENT OF BIOSCIENCES
SCHOOL OF SCIENCE
INDRASHIL UNIVERSITY



ABOUT INDRASHIL UNIVERSITY

Indrashil University (IU) is an initiative of Cadila Pharmaceuticals Ltd., as the first University in the state of Gujarat offering courses in Life Sciences providing academic and research excellence. It has established Centers of Excellence in the area of Synthetic Biology, Microbiology & Chemical Sciences with intent to drive new discoveries in Biotechnology, with application across sectors like healthcare, sustainable energy, green chemistry, pharmaceuticals, novel materials, and bioremediation among many others.

ABOUT THE DEPARTMENT

The department of biosciences offers B.Sc., M.Sc. and PhD program in biosciences specialization on molecular biology, chemical biology, bioinformatics, systems biology, metabolic engineering and synthetic biology and many more. The department has qualified staff member with good academic and industrial exposure. The well-equipped state-of-the-art facilities are available in the department for world class research, education and training towards social benefits.

WHO CAN APPLY

Students, researchers, academicians and industrialists



AWARD

Young Scientist Award:

1st, 2nd and 3rd



SUBMISSION OF ABSTRACT

Abstract should be submitted in Time New Roman, 12 size, single spacing as theme area, title (14 bold), authors name (email of first and corresponding author), affiliation, tel, abstract limit (200-300 words with background, methods, result, conclusion), keywords. Accepted abstracts will be considered for oral or poster presentation and further communicated.

Please send us duly filled scanned copies of the forms and DD / Receipt of payment / Transaction Id should be sent on email synbio20@gmail.com

Last date of registration:

31st December 2019

Last date for abstract submission:

25th December 2019

Venue:

Indrashil University, Rajpur, Mehsana

Accommodation:

Hostel facility is available at IU campus, please contact at 9712928835.

For any further details, please contact at 9919807926 / 9712928835

E-mail: synbio20@gmail.com



REGISTRATION FEE

Category	Up to 25 th December 2019	After 25 th December 2019
UG and PG Students	INR 1,500	INR 2,000
PhD and Postdoc	INR 2,000	INR 2,500
Faculty	INR 3,000	INR 3,500
Industry person	INR 5,000	INR 7,000

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