

10th National DNA Day



on

PERSONALISED MEDICINE

October 7th and 8th 2023

SYMPOSIUM CUM WORKSHOP

*Guest lectures, workshops,
games and more!*

Organized by

Department of Biomedical Sciences
School of Bio Sciences and Technology
Vellore Institute of Technology, Vellore

Organising Committee:

Honourable Patron

Dr. G Viswanathan, Founder & Chancellor

Chief Patrons

Mr. Sankar Viswanathan, Vice President

Dr. Sekar Viswanathan, Vice President

Dr. G V Selvam, Vice President

Patrons

Dr. Rambabu Kodali, Vice Chancellor

Dr. Partha Sharathi Mallick, Pro-Vice
Chancellor

Dr. Jayabarathi T, Registrar

Chairman

Dr. Siva R, Dean, SBST

Co-Chairman

Dr. Jayanthi Abraham, Associate Dean,
SBST

Dr. Devi Rajeswari V, Head, Department of
Biomedical Sciences, SBST

Convenors

Dr. Radha Saraswathy, Professor Higher
Academic Grade, SBST

Dr. Abilash V G, Associate Professor Grade
2, SBST

About National DNA Day



2023 marks the 201st year of Gregor Mendel's birthday. Acknowledged as the Father of Genetics, Mendel's studies on the pea plant paved way for experiments that could shape the future of genetics and thereby leading to the discovery of DNA and its structure. April 25, 1953, witnessed a breakthrough in the history of genetics as the article on double helical structure of DNA was published in Nature by Francis Crick and James Watson along with Maurice Wilkins and Rosalind Franklin. Consequently, Watson and Crick jointly won the Nobel prize in Physiology or Medicine in 1962. In addition, early April of 2003, marked the completion of the Human Genome Project, which helped to decrypt the blueprint and genetic makeup of an individual.

These discoveries were stepping stones to understand the genetic basis of infections, their mode of transmission, control and treatment. To honor the occasion of 'World DNA Day', the students of M.Sc. Biomedical Genetics are organizing the 10th National DNA Day, 2023, on the 7th and 8th of October 2023. This year's theme is personalised medicine, as it illuminates a future where healthcare is as unique as your DNA, tailoring treatments to your individual genetic blueprint for a truly customized path to well-being.



About VIT



Vellore Institute of Technology was founded in 1984 as Vellore Engineering College by the Chancellor Dr. G. Viswanathan. VIT attracts students from all the 29 states of India and about 60 different countries. VIT has been placed in the 12th position among the engineering institutions and 21st position overall in recently published NIRF ranking report. Globally, VIT has been placed as being one among the 450 top Universities, based on the 2021 QS World ranking. The research capabilities of the faculty and students are clearly evident based on the consistent track record in terms of the highest number of SCOPUS-indexed publications. VIT has completed 4 cycles of NAAC accreditation and has recently received the A++ status (Category 1 institution). ABET has accredited 14 programs in VIT. VIT has introduced many innovations in the academic process which add value to each and every student. Such innovations include the Fully Flexible Credit System (FFCS) as well as Project-based Learning (PBL), which enhances the learning experience, apart from fully digitized academic portals. All these improvements are geared towards improving the employability of the students to meet the demands of prospective employers. The 8th module guest lecture, delivered by an expert in Industry, gives the students an insight into the different processes from an Industrial perspective, apart from interacting with experts from different companies.

Also, participation in such activities improves their ability to work as part of a team and hone their skills in problem solving ability. Also, VIT has forged links with several academic, research organizations, and industries in India and overseas. This effort has enabled the faculty and students to improve the visibility of the academic and research activities.

About SBST



The School of Bio Sciences & Technology consists of 4 departments, such as Biotechnology, Integrative Biology, Bio Sciences and Bio Medical Sciences. The school offers undergraduate (B.Tech., Biotechnology) and post-graduate (M.Sc., M.Tech., Intg. M.Sc.,) programmes, apart from the Integrated Ph.D. and Ph.D. programmes. The priority of SBST is to develop entrepreneurship skills as well as mentor students to become future scientists for the improvement of humanity. Our efforts are strengthened following our collaborative endeavours with national and International universities as well as multinational companies. Consultancy-related activities, as well as the commercialization of products, are undertaken as part of the programme. The school has excellent infrastructure in addition to well-trained faculty members. This makes SBST one among the top ten Bio schools in the country.

Department of Biomedical Sciences

This Department offers Two-year post graduate courses namely M.Sc. Biomedical Genetics and M.Sc. Applied Microbiology. M.Sc. Biomedical Genetics programme equips the students to understand the genetic basis of diseases and to develop the clinical and laboratory skills. Students opting for M.Sc. Biomedical Genetics with Specialization in Genetic Counselling have a unique course work which includes Clinical Rotations in hospitals for 12 weeks. M.Sc. Applied Microbiology Programme offers an in-depth knowledge in functioning of microorganisms and application in daily life.



ORGANIZING SECRETARIES

Dr. Sabina E P
Dr. Sudesh R
Dr. Asha Devi S
Dr. Arnold Emerson I
Dr. Suresh P K
Dr. Sunantha G
Dr. Godwin
Christopher J
Dr. Gayathri M
Dr. Naveen Kumar P

STUDENT ORGANIZERS

Mr. Faraz Ahmed S
Ms. Sandhya Srikanth
Ms. Ipsita Biswas
Ms. Purvi Shah
Ms. Medha Nagaraj
Ms. Vaibhavi K
Ms. Viswadica Prakki
Ms. Priyanka N
Ms. Vaidehi Kadam

CONTACT US

(+91) 94438 49728
(+91) 94828 87247
dnaday@vit.ac.in

