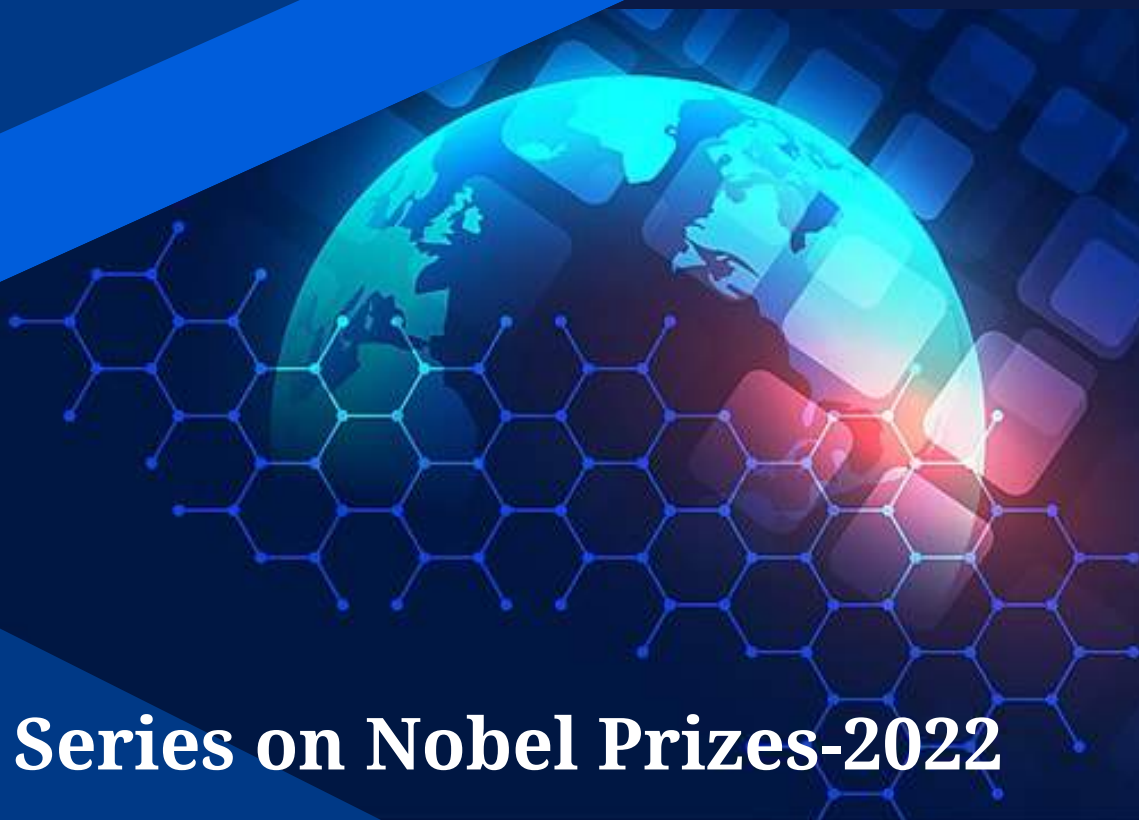




**COLLEGE OF PHARMACEUTICAL SCIENCES**  
**DAYANANDA SAGAR UNIVERSITY**  
**BENGALURU-78**



## Lecture Series on Nobel Prizes-2022

# 2022

# INTRODUCTION

This lecture series will host interactive speeches on the Nobel Prizes topics 2022 in the field of medicine, physics, chemistry, literature, economics, and peace. The lecture series will highlight the discoveries of Nobel prize topics; its importance and greatest benefits to humankind leading to sustainable development. This platform is open for the participation of scientific and non-scientific community from Academia and Industry.

**Free Registration Link :**

<https://bit.ly/3VuJok6>

**Zoom Link for participants :**

<https://dsuedu.in/LSNP>

[www.dsu.edu.in/pharmacy](http://www.dsu.edu.in/pharmacy)

# Lecture Series on Nobel Prizes-2022

1st week, Friday – 2nd Dec 2022

## Medicine

For his research on the extinct hominid genomes and the evolution of humans



Dr. Neeraja Reddy Mallela

Dr. Neeraja Reddy Mallela is working as Genetic Counselor at Mapmygenome and University of Pennsylvania. She is a Board Certified by American Board of Genetic Counselling, Leading genetic counselling and education in genetic counselling.

Dr. Neeraja Reddy Mallela

Senior Genetic Counselor, Life Cell, India

## Physics

Entangled photon experiments, proving the violation of Bell inequalities, and developing the field of quantum information science.



Professor P C Deshmukh

Professor P C Deshmukh is a theoretical atomic physicist. He is a specialist in the field of relativistic quantum many-body theories of atomic structure and dynamics. Concurrently, he serves the Center for Atomic, Molecular, and Optical Sciences & Technologies, CAMOST, which is jointly hosted by the IIT Tirupati and the IISER Tirupati.

Professor - IIT Tirupathi & Visiting Professor at DSU, India

## PROGRAM SCHEDULE :

Time	Program Detail	Program Owner
06:50 to 06:55 PM	Opening remarks	Dr. N.M. Raghavendra, Principal, COPS, DSU
06:56 to 07:00 PM	Welcome speech	Dr. Pushpa Sarkar, Dean, SHS, DSU
07:01 to 07:02 PM	Introduction to Speaker	Dr. Sonal Dubey, Professor, COPS, DSU
07:03 to 07:40 PM	Invited Speaker Medicine	Dr. Neeraja Reddy Mallela
07:41 to 07:43 PM	Introduction to Speaker	Ms. Seema Rathore, Assistant Professor, COPS, DSU
07:44 to 08:25 PM	Invited Speaker Physics	Prof. P C Deshmukh
08:26 to 08:28 PM	Closing remarks	Dr. Nandini, Assistant Professor, COPS, DSU

**2nd week, Friday – 9th Dec 2022**

## Chemistry



Prof. Han Zuilhof

**Establishment of the foundations of click chemistry & bioorthogonal chemistry and its functionalism era.**

Prof. Han Zuilhof holds the Chair of Organic Chemistry at Wageningen University. His interests focus on surface-bound organic chemistry. He has been a Professor of Organic Chemistry since 2007. He has written over 340 research papers and more than 10 patents. He is also a Distinguished Adjunct Professor of Chemical Engineering at the King Abdulaziz University.

[Professor Tianjin University, Tianjan, Netherland](#)

## Literature



Ms. Shumona Sinha

**For the bravery and clinical acuity that reveals the origins, estrangements, and collective restrictions of personal memory.**

Ms. Shumona Sinha is a naturalised French writer born in Calcutta, West Bengal, India, who lives in France. In the year 2000 she translated and published several anthologies of Bengali and French poetry. She was recruited by the French embassy in India to become an English-language assistant teacher in a junior high school in Paris.

[Writer, Author, Naturalised French, France](#)

## PROGRAM SCHEDULE :

Time	Program Detail	Program Owner
06:50 to 06:55 PM	Opening remarks	Dr. N.M. Raghavendra, Principal, COPS, DSU
06:56 to 07:00 PM	Welcome speech	Dr. Pushpa Sarkar, Dean, SHS, DSU
07:01 to 07:02 PM	Introduction to Speaker	Dr. Gnana Ruba Priya, Associate Professor, COPS, DSU
07:03 to 07:40 PM	Invited Speaker Chemistry	Prof. Han Zuilhof
07:41 to 07:43 PM	Introduction to Speaker	Dr. Nandini, Assistant Professor, COPS, DSU
07:44 to 08:25 PM	Invited Speaker Litratione	Dr. Shumona Sinha
08:26 to 08:28 PM	Closing remarks	Dr. Prashant Tiwari, Associate Professor, COPS, DSU

# Lecture Series on Nobel Prizes-2022

**3rd week, Friday – 16th Dec 2022**

## Economics

### Financial crises and banks.



Mr. Akash Murthy

Akash Murthy is a Co-founder & CTO of Euprime, a company that works in the field of wireless devices along with machine learning. He is a Statistician who works in the intersection of Combinatorics, Probability, Mathematical Economics & Finance. He has formerly worked in the headquarters of a bank for 4 years. He has an engineering degree in ECE & Masters in Statistics from Manipal.

Co-founder and CTO of Euprime, India

## Peace

### Importance of Peace in Life



Prof V. Aswatha Ramaiah

Prof (Dr.) V. Aswatha Ramaiah has authored books titled 'A Celebration Called Life', 'Redefining Husband Wife Relationship', 'Success through' English Alphabets' etc. He has produced a video film titled 'Parivartane' with film actors and professionals. He is engaged in a number of CSR activities like conducting Training Programs for Orphanages, Old Age homes, NGOs, Government Offices etc.

Head Unique Consultant, India

## PROGRAM SCHEDULE :

Time	Program Detail	Program Owner
06:50 to 07:00 PM	Opening remarks	Dr. Pushpa Sarkar, Dean, SHS, DSU
07:01 to 07:02 PM	Introduction to Speaker	Dr. Sonal Dubey, Professor, COPS, DSU
07:03 to 07:40 PM	Invited speaker Economics	Dr. Akash Murthy
07:41 to 07:43 PM	Introduction to Speaker	Dr. Prashant Tiwari, Associate Professor, COPS, DSU
07:44 to 08:25 PM	Invited Speaker Peace	Prof. V. Aswatha Ramaiah
08:26 to 08:30 PM	Vote of Thanks	Dr. N.M. Raghavendra, Principal, COPS, DSU

## OBJECTIVES

- This virtual lecture series provides a platform to highlight the Nobel Prize discoveries 2022, narrated by eminent scientists on outcome of the discoveries and its benefits to the welfare of mankind.
- The event may be a torchbearer for the Millennials who look forward to the innovations.
- The platform will create a link between eminent scientist across the globe and budding scientists.

## EXPECTED OUTCOME

- The event will ignite the young minds on the innovations that can be translated into useful products.
- Young scientists across the globe will be benefited by the knowledge and expertise shared by the resource persons.
- The event also showcases and values the discoveries and the effort made by Nobel Laureates in creating models and contributing to the benefit of the world community.
- Youth will be motivated on innovative approaches, developing new solutions to the challenges the world faces today.





## About College of Pharmaceutical Sciences (COPS)

Dayananda Sagar College of Pharmacy was started in 1981 to cater to the needs of Pharmacy Education in India under Rajiv Gandhi University of Health Sciences, Karnataka. In the year 2015, the institution was renamed "College of Pharmaceutical Sciences" and merged as a branch of the School of Health Sciences, affiliated with Dayananda Sagar University. The college is recognized by PCI, New Delhi; and the Government of Karnataka; It is also a recognized Scientific and Industrial Organization by DSIR, Govt of India. The COPS offers B. Pharm, M. Pharm, Pharm D, and Ph.D. programs in Pharmaceutical Chemistry, Pharmacology, Pharmaceutics, Pharmacognosy, and Pharmaceutical Analysis. The College has vibrant clusters of innovation ecosystems focused on drug discovery and development; in collaboration with industrial partners and research organizations. It also has an excellent pharmacy practice department dedicated to the betterment of the healthcare community in association with Sagar hospitals, and Dr. Chandramma Dayananda Sagar Institute of Medical Education and Research

## About Dayananda Sagar University (DSU)

Dayananda Sagar University is a private university; it has four different campuses in Karnataka. DSU is a proud member of the Dayananda Sagar Institutions family, founded by Late Sri Dayananda Sagar in the early sixties (with just four students). DSU has morphed into a global education powerhouse, spread over four campuses, catering to the education needs of over 17,000 students. Operating under the aegis of the Mahatma Gandhi Vidya Peth Trust in Bengaluru, DSI has enabled the transformation of tens of thousands of young Indians and international citizens into professionals in diverse specializations such as Health Sciences, Engineering, Computer Applications, Arts, and Management in the Bachelor, Master, and Ph.D. levels. Supporting the academic activities are the Centers of Excellence in Drug Discovery, HealthCare, ICT, Energy, and Life Science, among other fast-evolving fields of study. Research, Innovation, and Incubation (spread over 25,000 sq ft of industry quality labs) form the core of DSU.

# Lecture Series on Nobel Prizes-2022

## Patrons

- Dr. D. Hemachandra Sagar, Chancellor, DSU
- Dr. D. Premachandra Sagar, Pro Chancellor, DSU

## Advisory Committee

- Dr. K.N.B. Murthy, Vice-Chancellor, DSU
- Dr. Puttamadappa C, Registrar, DSU.
- Dr. Pushpa Sarkar, Dean, School of Health Sciences, DSU
- Dr. N.M. Raghavendra, Principal, COPS, DSU.

## Executive Committee

- Dr. Prashant Tiwari, Associate Professor, COPS, DSU
- Dr. Sonal Dubey, Professor, COPS, DSU
- Dr. Nandini, Assistant Professor, COPS, DSU
- Dr. Gnana Ruba Priya, Associate Professor, COPS, DSU
- Ms. Seema S. Rathore, Assistant Professor, COPS, DSU

Registration Link : 

<https://bit.ly/3VuJok6>



## Event Format

Two virtual talks of 40 min each on every Friday from 1st week of December to 3rd week of December 2022.

Timings: 7:00-8:30 PM (IST)

Online platform: Zoom Meeting

## Who can attend the program

Academicians, Scientists, Research Scholars, and Students of Technology, Science, Management, Literature, Architecture, and Allied Health Science.

●●● FREE REGISTRATION AND E-CERTIFICATE SHALL BE PROVIDED TO THE DELEGATES ●●●

## Nobel Prize 2022 Winners List

Category	Nobel Laureates	Awarded For
Physiology or Medicine	Svante Paabo	The research on the extinct hominid genomes and the evolution of humans
Physics	1. Alain Aspect 2. John F Clauser 3. Anton Zeilinger	The experiments with entangled photons, establishing the violation of Bell inequalities and pioneering quantum information science
Chemistry	1. Carolyn Bertozzi 2. Morten Meldal 3. Barry Sharpless	The development of click chemistry and bioorthogonal chemistry
Literature	Annie Ernaux	The courage and clinical acuity with which she uncovers the roots, estrangements and collective restraints of personal memory
Economics	1. Ben S. Bernanke 2. Douglas W. Diamond 3. Philip H. Dybvig	The research on banks and financial crises.
Peace	1. Ales Bialiatski 2. Memorial Human Rights Organization (Russia) 3. Center for Civil Liberties Human Rights Organisation (Ukraine)	Encouraging the right to criticize power and protect the citizen