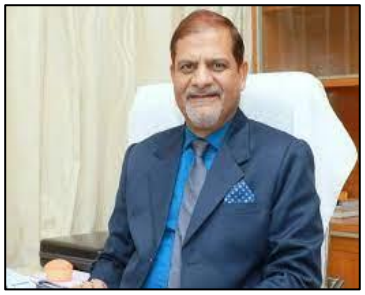
Department of Chemistry & Centre for Advanced Studies in Chemistry

On the behalf of

BHAGYATARA EDUCATIONAL FOUNDATION, PANJAB UNIVERSITY, CHANDIGARH

cordially invites you to the

BHAGYATARA AWARD CEREMONY 2022



Patron: Prof. Raj Kumar Hon'ble Vice Chancellor, Panjab University Chandigarh

On

Adaptive Molecular Crystals

By

Dr. Chilla Malla Reddy,

Professor and Head,
Department of Chemical Sciences
Indian Institute of Science Education and Research (IISER)
Kolkata

&

On

Molecular Theranostics

By

Dr. T. Govindaraju,

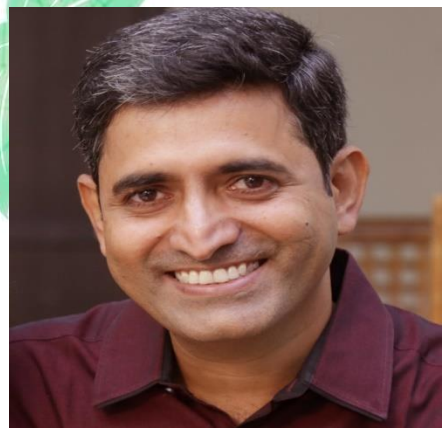
Professor and Chair, Education Technology Unit
Bioorganic Chemistry Laboratory, New Chemistry Unit,
Jawaharlal Nehru Centre for Advanced Scientific Research
(JNCASR), Bengaluru

On 26th April 2022 at 10:00 a.m. through online mode. The google meet link for the ceremony is https://meet.google.com/yup-fkjn-prk

Prof. Gurjaspreet Singh
Departmental Convener

Prof. K.K. Bhasin
Chairperson
Bhagyatara Award Committee

Prof. Sonal Singhal
Chairperson



Dr. C. Malla Reddy's research group has made notable contributions to the fundamental understanding of mechanical properties of organic crystals, including pharmaceutical solids, optoelectronics and various other stimuli responsive smart functional materials. Particularly, his recent work (*Science*, 2021, 373, 321), on self-healing in organic crystals and the underlying piezoelectricity based mechanism has gained a significant attention in materials science. Although the crystalline molecular materials remain one among the most investigated materials, the research on their mechanical properties began only recently, where Dr. Reddy's group played a key role in shaping this topic. The mechanical property studies of Reddy on different types of organic crystals with plastic, elastic (reversible) and brittle deformation behaviour is widely used for structure-property analysis in stimuli responsive materials. His experimental work on plastically bendable (irreversible) single crystals using nanoindentation and spatially resolved micro-focus X-ray and micro-Raman techniques revealed some important fundamental aspects related to the structure-mechanical property correlation in molecular crystals (*Nature Chem, 2015, 7 65*). His group pioneered the exceptionally elastic and mechanically flexible organic crystals. His fundamental discoveries have broad implications to many areas of applied materials science and biomaterials.

"Prof. T. Govindaraju of New Chemistry Unit, JNCASR, Bengaluru has been awarded Panjab University Bhagyatara Award 2019 for the outstanding contributions in bioorganic chemistry and chemical biology that have resulted in the development of novel diagnostics and therapeutics.

PROGRAMME

Timing	
10:00-10:05 a.m.	Introductory Address by the Convener
10:05-10:10 a.m.	Address by the Chairperson
10:10-10:15 a.m.	Address by Prof. Raj Kumar, Hon'ble Vice Chancellor, PU
10:15-10:30 a.m.	Felicitation of Awardees and address by Prof. K.K. Bhasin
10:30-11:15 a.m.	Lecture 1 by Prof. T. Govindaraju
11:15-12:00 p.m.	Lecture 2 by Dr. Chilla Malla Reddy
12:00 p.m.-12:05 p.m.	Valedictory Address by the Convener