



*Three Days International Symposium*

*on*

# **Science Beyond Boundary: Invention, Discovery, Innovation and Society (RASAYAN 22)**



**Nobel Laureate Lecture in Chemistry (Quantum Dots) by  
Prof. Moungi Bawendi**

*Massachusetts Institute of Technology, USA*

**Jointly Organized by**

**Chirantan Rasayan Sanstha® Midnapore, West Bengal  
&  
Visvesvaraya Technological University (VTU),  
Belagavi, Karnataka**

**In Association with**

**American Chemical Society (ACS)**

**Royal Society of Chemistry (RSC)**



**Society of Materials Chemistry (SMC)-India**



## **Venue**

**Department of Applied Sciences (UTU),  
Visvesvaraya Institute of Advanced Technology,  
Muddenahalli Campus, Chikkaballapura- 562101**

## **Date**

**08-10<sup>th</sup> January,  
2026**

**2026**



## The Conference: Rasayan 22

"Rasayan 22" is the 22<sup>nd</sup> Symposium in "RASAYAN" series, to be co-hosted by the CRS®. The Rasayan series of symposia offers a forum for information sharing, discussion, and idea exchange among scientists, faculty members, entrepreneurs, research scholars, and students. Among the main areas of attention have been presentations of research findings, technological innovations, inventions, leadership roles, and career guidance. This event aims at various sectors to explore and discuss the latest trends, challenges, and opportunities in the field of science and technology. The Rasayan series of symposium covers a wide range of topics and features, award lectures, invited lectures from experts, exhibitions, panel discussions, Industry academia pavilion from leading experts in the field, as well as oral and poster presentations showcasing the latest research findings etc.

## Chirantan Rasayan Sanstha (CRS)

CRS, founded in 2016, is a non-profit scientific society dedicated to fostering interdisciplinary research and public engagement in science and technology. The core objectives of CRS include promoting research and development (R&D) by encouraging advancements in various scientific domains to improve societal well-being. CRS organizes scientific events hosting national and international conferences, symposia, workshops, and training programs that facilitate knowledge exchange and academic networking. It fosters collaborations by building partnerships with educational institutions, research organizations, and industrial bodies, both within India and internationally. We undertake outreach activities to make science more accessible and impactful for diverse communities, mainly in student entrepreneurship. Since its inception, CRS® has successfully organized twenty national and international symposia and webinars under the Rasayan series. CRS primarily recognizes exceptional contributions to science, technology and society through prestigious awards, where about 200 distinguished scientists from all over the world, including Nobel laureates, have been honored.

## Visvesvaraya Technological University (VTU)

In the field of engineering education, Visvesvaraya Technical University in Belagavi, Karnataka, is renowned for its scope and influence. Since its founding in 1998, VTU has expanded to its greatest extent. Its sixteen research institutes and more than 200 associated engineering institutions are dispersed throughout Karnataka. Undergraduate, graduate, and doctorate programs are available at VTU in a number of fields, including business, engineering, and engineering. There are about 2,50,000 students registered in classes. With several papers and patents, faculty members are committed to multidisciplinary research and academic success. Additionally, VTU continues to work with foreign universities for academic exchange and cooperative research planning. Libraries, labs, sports arenas, and hostels for students are among the contemporary amenities that VTU provides. VTU continues to pursue its goals of fostering innovation, academic achievement, social impact, and training the next generation of business and technology leaders. Go to [www.vtu.ac.in](http://www.vtu.ac.in)

### Conference Domains / Themes (Not Limited)

Energy; Catalysis; Electrochemistry; Organic Chemistry; Environmental Chemistry; Pharmaceutical Chemistry; Material Science and Nanotechnology; Computational Chemistry, Modelling & Simulation; Biotechnology/Biochemistry; Engineering Science; Agricultural Science and Other

### Conference Program Categories

- Award Lectures
- Keynote Speaker
- Invited Speaker
- Paper Presentation (Oral/Poster)
- Exhibition
- Panel Discussion

### Bank Details for Payment Process / NEFT

Name of A/C: Chirantan Rasayan Sanstha



Bank Name: UCO Bank

Bank A/C No: I7480210000670

Branch Name: Vidyasagar University Branch

IFSC Code: UCBA0001748

UPI ID: 8967088297@ucobank

*Fee is payable through online transfer or by Demand Draft in favor of "CRS" and Payable at Kolkata and fill the online Registration QR*

### Accommodation Availability

Limited shared accommodations are available on first come first serve basis in **University Guest House** on charges basis (Normal Room- INR 1200 / Night and Suit Room- INR 2800 / Night).

**Accommodations for participant at VTU hostel Rs. 400 per day**

\* **Note:** Transportation will be taken care by the conference organizing committee for outside accommodated delegates / visitors

### Sponsorship Category (+ 18% GST)

Platinum sponsor	INR 4,00,000
Gold sponsor	INR 2,00,000
Silver sponsor	INR 1,00,000
Exhibition / Stall	INR 50,000

### Advertisement (+ 18% GST)

Outside Back Cover Page	INR 50,000
Inside Cover Page (Color)	INR 30,000
Full Page Inside (Color)	INR 20,000
Full Page Inside (B&W)	INR 15,000

### Early Bird Registration (+ 18% GST)

Delegates (Industry)	INR 3,500
Delegates (Academia)	INR 2,000
Ph.D. / Research Scholars	INR 1,250
UG/PG Students	INR 600
Foreign Delegates	US \$ 350

*Late Registration Fee: INR 500 & US \$ 50 Additional*

### Abstract Submission Deadline

Extended: 3<sup>rd</sup> January 2026

Contact: Dr. Prasanna D S (Convenor)

Ph: +91 9449282192; Email: [rasayan2026@gmail.com](mailto:rasayan2026@gmail.com)

### Abstract Acceptance

5<sup>th</sup> January 2026

Online Abstract Submission Link:

[Click here](https://forms.gle/AgSNJewufSXog63K7)

Online Registration Link:

[Click here](https://forms.gle/AmhArigd5HP79zI7)

### Registration Deadline

Extended: 6<sup>th</sup> January 2026

## Patrons



**Prof. Vidyashankar S**

Vice-Chancellor

VTU-Belagavi, Karnataka



**Prof. Braja Gopal Bag**

President

Chirantan Rasayan Sanstha, Vidyasagar University, Midnapore, West Bengal



**Prof. Prasad B Rampure**

Registrar

VTU-Belagavi, Karnataka



**Prof. Ujwal U J**

Registrar (Evaluation)

VTU-Belagavi, Karnataka



**Prof. Prashantha Nayaka G**

Finance Officer

VTU-Belagavi, Karnataka

## Organizing Bodies

### Conference Chair

**Dr. Dinesh Rangappa**  
VTU, Muddenahalli

### Conference Co-Chair

**Dr. C V Yelamaggad**  
CeNS, Bengaluru

### Convener

**Dr. Prasanna D Shivaramu**  
VTU, Muddenahalli

### Co-Convener

**Dr. Navya Rani M**  
NCET, Bangalore

## International Advisory Committee

### Prof. Masahiro Yoshimura

*Distinguished Chair Professor  
National Cheng Kung University, Taiwan*

### Prof. D Sakthi Kumar

*Professor, Graduate School of Interdisciplinary New Science, Toyo University, Japan*

### Prof. Sanjay Mathur

*Director, Institute of Inorganic Chemistry  
University of Cologne, Germany*

### Prof. Hiroshi Sakaguchi

*Professor, Institute of Advanced Energy  
Kyoto University, Japan*

### Prof. Takaaki Tomai

*Professor, IMRAM-WPI  
Tohoku University, Japan*

### Prof. Ajayan Vinu

*Laureate Professor and Director, GICAN  
University of Newcastle, Callaghan, Australia*

## Organizing Committee

### Prof. Ravikumar N V

*Professor, Dept. of Metallurgical & Materials Engg.  
IIT Madras, Chennai*

### Dr. Sathish Marappan

*Sr. Principal Scientist, CSIR-CECRI, Karaikudi*

### Prof. A K Tyagi

*Director, Chemistry Group, BARC Mumbai*

### Dr. Arjun Dey

*Scientist, U R Rao Satellite Centre  
ISRO Bangalore, India*

### Prof. Jayappa Manjanna

*Professor & Head, Dept. of Chemistry,  
Rani Channamma University, Belgaum*

### Prof. Tiju Thomas

*Professor, Dept. of Metallurgical & Materials Engg.  
IIT Madras, Chennai*

### Dr. Madhusoodana C D

*General Manager (R & D), BHEL*

### Prof. Praveen C Ramamurthy

*Professor, CeNSE, IISc Bangalore*

### Dr. P S Brahmanand

*Principal Scientist (Agronomy), ICAR-Indian Institute of Water Management, Bhubaneswar*

### Prof. H P Nagaswarupa

*Professor, Dept. of Studies in Chemistry,  
Davangere University*

### Dr. K Ramesha

*Director, CSIR-CECRI, Karaikudi*

### Dr. Harish Barshilia

*Chief Scientist, CSIR-NAL, Bangalore*

### Prof. Chandramouli Subramaniam

*Professor, Dept. of Chemistry, IIT Bombay*

### Dr. Susanta Kumar Jena

*Principal Scientist, ICAR-Indian Institute of Water Management, Bhubaneswar*

## Organizing Committee

### Dr. Dinesh Rangappa

*Professor  
Applied Sciences, VTU*

### Dr. Prasanna D Shivaramu

*Asst. Professor  
Applied Sciences, VTU*

### Mr. Manikanta P N

*Research Scholar  
Applied Sciences, VTU*

### Mr. Tathagata Sardar

*Research Scholar  
Applied Sciences, VTU*

### Mr. Manjesh D M

*Research Scholar  
Applied Sciences, VTU*

### Mr. Sumanth Shetty

*Research Scholar  
Applied Sciences, VTU*

### Dr. Navya Rani M

*Assoc. Professor  
R & D Centre, NCET, Bangalore*

### Dr. Chitrabhanu C P

*Ad-hoc.  
Applied Sciences, VTU*

### Mr. Kunal Roy

*Research Scholar  
Applied Sciences, VTU*

### Mr. Sadananda

*Research Scholar  
Applied Sciences, VTU*

### Mr. Vinay A N

*Research Scholar  
Applied Sciences, VTU*

### Mr. Mohith B R

*Research Scholar  
Applied Sciences, VTU*

## Local Organizing Committee

### Smt. Shilpa V Allipur

*Ad-hoc. Applied Sciences, VTU*

### Smt. Rashmi P

*Ad-hoc. Applied Sciences, VTU*

### Ms. Shaheda Shaheen

*Ad-hoc. Applied Sciences, VTU*

### Ms. Amulya C R

*Ad-hoc. Applied Sciences, VTU*

### Mr. Chandrashekhar T

*Ad-hoc. Applied Sciences, VTU*

### Ms. Shabnum F

*Ad-hoc. Applied Sciences, VTU*

### Ms. Shilpa V S

*Ad-hoc. Applied Sciences, VTU*

### Ms. Soumya S N

*Ad-hoc. Applied Sciences, VTU*

### Ms. Sowmya Shree S M

*Ad-hoc. Applied Sciences, VTU*

### Mr. Nadeem Ahamed F

*Ad-hoc. Applied Sciences, VTU*



# Science Beyond Boundary: Invention, Discovery, Innovation and Society (RASAYAN 22)



## Speakers & Awardees

### Leadership Awardees

Prof. Vidyashankar S. Vice-Chancellor, Visvesvaraya Technological University, Belagavi	Prof. Dipak Kumar Kar Vice-Chancellor, Vidyasagar University, Midnapore, India	Prof. Gobardhan Das Director, IISER Bhopal, India	Dr. Ashish Lele Director, CSIR- NCL, Pune, India
Prof. Achyuta Samanta Founder, KIIT & KISS, Bhubaneswar, India	Prof. Tarun Souradeep Director, Raman Research Institute, Bengaluru, India		Prof. Badiadka Narayana Vice-Chancellor, K.K. University, Bihar Sheriff, India
Prof. A.S. Kiran Kumar Vikram Sarabhai Professor & Ex Chairman, ISRO, Bangalore, India		Prof. Jayakara S M Vice-Chancellor, Bangalore University, India	

### Lifetime Achievement Awardees

Prof. Moungi Bawendi Massachusetts Institute of Technology, USA	Prof. Tejraj M. Aminabhavi Director, KLE Technological University, Hubballi, India	Prof. V. Peesapati Hon. Secretary & Special Advisor, Chairman, RSC-LSD, India
Prof. Rajasab A. H. Chairman, Karnataka Science and Technology Academy, India	Prof. Kunjur Krishna Pillai Vijayamohan IISER Tirupati, India	Prof. S. Krishna Prasad Centre for Nano and Soft Matter Sciences, Bengaluru, India

### Gold Medal Awardees

Prof. Daya Shankar Pandey Senior Professor, Department of Chemistry, IIT-BHU, India	Prof. Arindam Ghosh Department of Physics, IISc- Bangalore, India	Prof. Sanjay Mathur Director & Chair, Inst. of Inorg. Chem., University of Cologne, Germany	Prof. Shoubhik Das Chair Professor, Faculty of Biology, Chemistry & Earth Sciences, University of Bayreuth, Germany
--	--	--	--

### Research Partnerships and Translation Awardees

Dr Sumitesh Das Director, R&D Tata Steel, Europe	Dr. Subhendu Kumar Mohanty Vice President & Head, Discovery Chemistry, Syngene International Limited, Hyderabad, India
---	---

### Silver Star Awardees

Dr. Vinita G. Gupta Scientific Officer (H) - BARC and Professor - HBNI, Mumbai, India	Dr. Rajesh Kumar Vatsa Head, Public Awareness Division, Department of Atomic Energy, India	Dr. Binoy Kumar Saikia Eminent Scientist, Coal and Energy Division, CSIR – NEIST, India	Prof. Eswaramoorthy Muthusamy CPMU, JNCASR, Bangalore, India
Prof. Tapas Kumar Maji Professor & Chair, CPMU, JNCASR, Bengaluru, India	Prof. Satish Patil Chairman & Professor, SSCU, IISc- Bangalore, India		Dr. Santanu Panda Asst. Professor, Dept. of Chemistry, IIT Kharagpur, West Bengal

### Silver Medal Awardees

Prof. Yoshito Ando Associate Professor, Graduate School of Life Science and Systems Engineering, Kyushu Institute of Technology, Japan	Prof. Sounak Roy Professor & Dean, Research & Innovation, Department of Chemistry, BITS Pilani, Hyderabad, India	Prof. Indu Bhusan Deb Sr. Principal Scientist, Organic & Medicinal Chemistry, CSIR-IICB, Kolkata, India	Dr. Sandeep Nigam Scientific Officer H, Chemistry Division, BARC-DAE, Mumbai, India
Prof. Krishna Mohan Poluri Dept. of Biosciences and Bioengineering, IIT Roorkee, India	Prof. Ranabir Das Associate Professor, NCBS, TIFR, Bangalore, India	Prof. Beeraiah Baire Dept. of Chemistry, IIT Madras, India	Dr Satyen Saha Professor, Dept. of Chemistry, IIT-BHU, India
Dr. Gunjan Verma Scientific Officer G, BARC-DAE, Homi Bhabha National Institute, Mumbai, India	Dr. Bulusu Venkata Sarada Scientist E, ARCI, Hyderabad, India	Prof. Joyanta Choudhury Associate Professor, Dept. of Chemistry, IISER Bhopal, India	Dr. Bhoje Gowd E. Chief Scientist, CSIR- NIIST, Thiruvananthapuram, India
Dr. Samya Banerjee Assist. Professor, Department of Chemistry, IIT-BHU, India	Dr. Subhash Chandra Ghosh Senior Scientist, Natural Products and Green Chemistry Division, CSIR-CSMCRI, India		Dr. Rajeswara Rao M Associate Professor, Dept. of Chemistry, IIT Dharwad, India

### Dr. Maidul Hossain

Assoc. Professor, Dept. of Chemistry & Chemical Tech. Vidyasagar University, India

### Prof. A Sakthivel

Dept. of Chemistry, Central University of Kerala, India

### Bronze Medal Awardees

Dr. Maddasani Srinivasulu Additional Professor, Dept. of Chemistry, MIT, Manipal, India	Dr. Rojalin Sahu Professor, Dept. of Chemistry, KIIT Deemed to be University, Bhubaneswar, India	Dr. Farheen Sayed Research Associate, Yusuf Hamied Dept. of Chemistry, University of Cambridge, UK	Dr. Subrata Kundu Senior Principal Scientist, CSIR – CECRI, Karaikudi, Tamil Nadu, India
--	--	---	---

### Young Scientist Awardees

#### Dr. Kiran Vankayala

Assist. Professor, Dept. of Chemistry, BITS Pilani, Goa, India

#### Dr. Palliappala Chithaiah

Research Scientist, CPMU, JNCASR, Bangalore, India

### Young Talent Awardees

Dr. Mohsin Jafar Scientific Officer E, BARC-DAE, Mumbai, India	Dr. Bhavanari Mallikarjun Assist. Professor, Dept. of ECE, MIT, Manipal, India	Dr. Santosh Khatavi Assist. Professor, National Forensic Sciences University, Dharwad, India	-
---	---	---	---