



**Vijnana Bharati (VIBHA),  
Unnat Bharat Abhiyan (UBA)  
&  
Center for Innovation and Bio-Design (CIBioD)  
PGIMER, Chandigarh**

**Second Virtual International Summit**

**TECH4SEVA**

**Technology Outreach as Enabler for Inclusive,  
Sustainable and Affordable Healthcare**

**Dates : October 20-23, 2021**



Tremendous progress in the field of science and technology has occurred in the last decade which has brought upliftment and prosperity in the lives of million. The culture of innovation is beginning to spread its roots in developing countries such as India. Despite tremendous progress on various fronts there still exists a gap between rural and urban population. Many voluntary organizations, NGO's, Corporate houses and working day and night to bridge this gap, however despite many efforts the picture remains dismal. It is seen that an appropriate intervention in the field of science & technology has an immense potential to catalyze transformation in the lives of many. In today's rapidly growing knowledge economy grass root skill development and skill enhancement along with mobilization of financial resources is the need of an hour. The complexity of challenges demands interventions at several levels. The present solution requires collective efforts of different stakeholders such government, NGO's corporate house, entrepreneurs, academicians, scientists along with involvement of organizations such as DBT,ICMR etc and research institutions such as IIT's IISER's etc. keeping the present scenario in mind the theme of the current summit is technology outreach as an enabler for inclusive, sustainable and affordable healthcare.

## Our Aim

The aim of the summit is to provide a platform to— academicians & scientists (working in the field of grass root innovation and adaptation of technologies) to impart knowledge and technical skills to individuals engaged in different sectors of innovation to address the concerns, issues and challenges of people— entrepreneurs, start-ups and organizations. The summit has the following themes— Affordable Healthcare, Atmanirbhar Bharat: Promoting Applied Research in Employment and Entrepreneurship Environment & Sustainable technologies, Innovation & Technology for Health & Wellness via panel discussions, virtual presentations, discussions forums and product display. The summit aims to facilitate knowledge exchange among stakeholders.

## Tech4Seva Online Expo



» A four– day virtual exhibition will also be organised as part of the programme. Various technologies developed by prestigious organisations, start–ups, industries and individuals will be demonstrated and showcased during this Expo.

» Students, inventors and innovators will interact with R&D organisations and industries, which can lead to further development of technologies.

» Models and technologies from DRDO, Department of Science and Technology, ISRO, CSIR technologies etc., and many rural technologies will be special attraction for the visitors. More than 300 stalls will be displaying technologies for four days.

**Date: October 20-23, 2021**



## Themes

Focus is on augmenting national capacity with application of health technologies and innovations to improve efficiency of healthcare delivery system. Brainstorming sessions will help to promote the Technology Outreach as Enabler for Inclusive, Sustainable and Affordable Healthcare.

**October 20, 2021 ( Wednesday )**

### **Affordable Healthcare**

**(Novel Ideas and Technologies for accessible, sustainable and affordable in Health Care )**

The successful triangle for healthcare consists of accessibility, affordability and quality. In order to deliver affordable and sustainable healthcare it is important to take into consideration the communities that we serve. The healthcare system is among the most significant domains that impacts globally and is linked to the development of any country. The health of any economy is dependent on the health of its population. Novel and innovative solutions in the domain of healthcare are the need of an hour.

**October 21, 2021 ( Thursday )**

### **Atmanirbhar Bharat: Promoting Applied Research into Employment & Entrepreneurship**

**(India as Manufacturing Hub for Global Health)**

It is stated that the post covid world would be based on five pillars – Economy, Infrastructure, System, Demography, and Demand. The strength of any country in the current times will depend on the support it provides to startups and businesses based on innovative concepts. Supporting enterprises in the manufacturing sectors across the different domains of healthcare delivery will help the economies to bounce back and reach new heights.

**October 22, 2021 ( Friday )**

### **Environment friendly and sustainable technologies**

**(Technology for recouping environment)**

The era of green tech and Ayurveda is on rise now and is growing steadily with digital transformation. Use of green technology is on rise with new innovative ways to make environmental friendly changes in daily life. The use of eco friendly resources reduces the amount of waste and pollution that are created during production and consumption activities, thereby reducing the health risks to population at large. The recent decade has witnessed many landmark observations, which have added to the scientific credentials of Ayurveda.

**October 23, 2021 ( Saturday )**

### **Innovation & Technology for Health & Wellness**

**(Synchronize with Nature for Healthy Future)**

Despite the unprecedented advancement in the Medical, Pharmacology and other technologies the dream of Health and wellness for all is still elusive to mankind. The increased use of technology also led to some undesired effects on health & wellness. Deployment of Innovative & Disruptive Technology for striking a balance between the mankind and the nature is the need of the Hour. Let us not only promote the eco-friendly technologies but also innovate the out of box solutions to regain our wasted natural sources. Let us synchronize the technology with Nature instead of conquering the nature.

## About Us



**Vijnana Bharti**  
( [www.vibhaindia.org](http://www.vibhaindia.org) )

Vijnana Bharati ( विज्ञान भारती ) or VIBHA is a non-profit organization in India that works for the popularization of sciences in a nationalist manner. Its main aim is to rejuvenate the Swadeshi Movement in this age of science and technology for the purpose of national reconstruction. India faces critical challenges as a nation in its march towards a welfare state. Considering the nature of the challenges which are so unique, only rapid strides in the sector of science and technology, in resonance with India's heritage can meet those challenges. Vijnana Bharati, a science movement with swadeshi spirit is leading Indian science and technology sector to make this dream come true.



उन्नत भारत अभियान  
**UNNAT BHARAT ABHIYAN**

शिक्षित भारत-स्वस्थ भारत- स्वच्छ भारत- स्वावलंबी भारत- संपन्न भारत



( [www.unnatbharatabhiyan.gov.in](http://www.unnatbharatabhiyan.gov.in) )

Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. Its objective is to enable higher educational institutions to collaborate with rural Indians in identifying development issues and difficulties, as well as developing appropriate solutions for increasing long-term progress. It also intends to build a virtuous loop between society and academia by providing knowledge and techniques for growing professions and upgrading the public and private sectors' skills in responding to rural India's development requirements.



**CIBioD, PGIMER**  
( [www.cibiod.in](http://www.cibiod.in) )

ICMR- Centre of Innovation and Bio Design (CIBioD) is a platform headquartered at Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh funded under the aegis of ICMR, New Delhi. Our mission is to co-create innovative solutions to the existing bottlenecks in Affordable Healthcare. CIBioD provides a platform for fusion of the best Indian medical & technical experts, to work jointly on cutting edge technologies for development of sustainable, disruptive, frugal & robust Healthcare equipment & devices.

## Committees

### Patron in Chief

Sh. Jayant Sahasrabudhe  
National Organizing Secretary, Vijnana  
Bharati



### Patron



Dr. Nirmaljeet Singh Kalsi  
Chairman, National Council for Vocational  
Education and Training (NCVT)

Sh. Rajindar Gupta  
Chairman, Trident Group



Dr. G. Satheesh Reddy  
Chairman, Defence Research & Development  
Organization

Prof. Anil D. Sahasrabudhe  
Chairman, All India Council of Technical  
Education



Prof. D.P. Singh  
Chairman, University Grant Commission

Prof. Vijay P Bhatkar  
Chairman, Unnat Bharat Abhiyan & Vijnana  
Bharati



Dr. Shekhar C. Mande  
Secretary, DSIR and Director General, Council  
of Scientific and Industrial Research

Sh. Vaidya Rajesh Kotecha  
Secretary, Ministry of AYUSH



Sh. Madan R Krishnan  
Vice President and Managing Director,  
Medtronic

Dr. Rakesh Kapoor  
Director at Homi Baba Cancer Hospital,  
Chandigarh



Sh Parveen Ramdas Ji  
National Secretary, VIBHA



## Committees

### Advisory Committee

<b>Sh. Jayant Sahasrabudhe</b> National Organizing Secretary, Vijnana Bharti	<b>Prof. Raghavendra P. Tiwari</b> Vice-Chancellor, Central University, Bathinda	<b>Shri Ajay Dutta</b> National Secretary General, Bharat Vikas Parishad
<b>Dr. Jagat Ram</b> Director, PGIMER, Chandigarh	<b>Dr. Nakul Parashar</b> Director, Vigyan Prasara	<b>Prof. Amitava Patra</b> Director, INST
<b>Prof. VK Vijay</b> National Coordinator UBA, IIT Delhi	<b>Sh. Amrit Sagar</b> President, Seva Bharati	<b>Prof. Ashwani Pareek</b> Executive Director, NABI
<b>Prof. V. Ramgopal Rao</b> Director, IIT Delhi	<b>Prof. Brij Kishore Kuthiala</b> Chairperson, Haryana State Higher Education Council	<b>Sh. Anirudh Tiwari</b> Vice-Chancellor, Panjab Agriculture University
<b>Dr. B. Dinesh</b> Scientist G, ICME-NIN, Hyderabad	<b>Dr. Omkar Rai</b> Director General, STPI	<b>Dr. Vivek Kumar</b> National Co- Coordinator UBA, IIT Delhi
<b>Prof. Rajeev Ahuja</b> Director, IIT Ropar	<b>Dr. Rajneesh Arora</b> Ex-Vice Chancellor, PTU	<b>Dr. Sanjeev Khosla</b> Director, CSIR-IMTech
<b>Dr. Vir Singh Negi</b> Director, AIIMS Bilaspur	<b>Prof. Raj Kumar</b> Vice-Chancellor, Panjab University	<b>Dr. D Srinivasa Reddy</b> Director, CSIR-IIIM Jammu
<b>Prof. S. Anantha Ramakrishna</b> Director, CSIR-CSIO, Chandigarh	<b>Prof. (Dr.) B. R. Kamboj</b> Vice-Chancellor, HAU	<b>Dr. Sanjay Kumar</b> Director, CSIR-IHBT, Palampur
<b>Dr. Chandrabhas Narayana</b> Director, RGC, Thiruvananthapuram	<b>Dr. Ranjana Aggarwal</b> Director CSIR-NISTADS	<b>Prof. Shyam Sundar Pattnaik</b> Director, NITTTR Chandigarh
<b>Dr. Adarsh Vig</b> Chairman, PPCB	<b>Sh. JM Balamurgan</b> Principal Secretary to Governor, Punjab	<b>Dr. Poornima Sharma</b> CEO, BCIL
<b>Dr. Y.K. Gupta</b> President, AIIMS Bhopal and Jammu		

### Coordination & Organizing Committee

<b>Dr. Varinder Garg (Convener)</b> OSD to Union Health Minister, GOI Principal Investigator, ICMR- CIBioD	<b>Prof. Harish Kumar (Co-Convener)</b> Professor in CSE Department, UIET	<b>Prof. Sakshi Kaushal (Co-Convener)</b> Professor in CSE Department, UIET
<b>Sh. Praveen Ramdass, (Co-Convener)</b> National Secretary, Director, VIBHA	<b>Dr. Yogender Malik</b> Member Ethics and Medical Registration Board of National Medical Commission (NMC)	<b>Dr. Surinder Rana (Co-Convener)</b> MBBS, MD, DM Gastroenterology, PGIMER
<b>Dr. Manoj Goyal (Co-Convener)</b> MBBS, MD, DM Neurology, PGIMER	<b>Prof. S K Tomar</b> Dean Students Welfare, PU	<b>Dr. Shalini Gaider</b> Professor, Department of Obstetrics and Gynaecology, PGIMER
<b>Dr. Shankar Prinja</b> Additional Professor, Community Medicine and School of Public Health, PGIMER	<b>Dr. Raja Ramachandran</b> Department of Nephrology, PGIMER	<b>Dr. Prakamya Gupta</b> Scientist C, Indian Council of Medical Research
<b>Dr. Priyanka Kaushal</b> National Co- Coordinator UBA, IIT Delhi	<b>Prof. Deepti Gupta</b> Department of English and Cultural Studies, PU	<b>Dr. Bimal Anjum</b> Assistant Professor, DAV College
<b>Dr. Jaspal Kaur</b> Financial Advisor, Dev Samaj College	<b>Dr. Veenu Mangat</b> Associate Professor in IT, UIET	<b>Ms. Sukhpal Kaur</b> NINE, PGIMER
<b>Dr. Nidhi Gautam</b> Assistant Professor, UIAMS	<b>Dr. Mamta Juneja</b> Associate Professor in CSE, UIET	<b>Dr. Arvind</b> DAV College, Chandigarh

## tech4Seva-Workshop

### JalKatha: Water Quality in Northern India and its Consequences and Technical Solutions

September 25, 2021 / 11:30 AM– 1:00 PM

**Esteemed Speakers**




 <b>Sh. Jayant Sahasrabudhe</b> National Organizing Secretary, Vijnana Bharati <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Chief Guest</span>	 <b>Ms. Keshni Anand Arora</b> Chairperson, Haryana Water Resources Authority <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Keynote Address</span>	 <b>Dr. Rajneesh Arora</b> Ex. Vice Chancellor, Punjab Technical University <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Preside Over</span>
 <b>Dr. Sultan Singh</b> Principal Scientist & Head GIS, HARSAC, Gurugram <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Subject Expert/Panelist</span>	 <b>Dr. Manohar Singh Rathore</b> Director, Centre for Environment and Development Studies, Jaipur <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Subject Expert/Panelist</span>	 <b>Dr. Anil K Gupta</b> Dean Research PGIMER <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Special Guest</span>
 <b>Prof. Rajeev Ahuja</b> Director IIT Ropar <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Awardee: Arugaya CIBIOD Innovation and Enterprise Leadership Award</span>	 <b>Sh. Balbir Singh Seechewal</b> <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Awardee: Tech4Seva Leadership Excellence Award</span>	

Click the poster to watch the Session

### Slum Dwellers and Rag Pickers: Health Problems

October 2, 2021 / 11:30 AM– 1:00 PM

**Esteemed Speakers**



 <b>Sh. Jayant Sahasrabudhe</b> National Organizing Secretary, Vijnana Bharati <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Preside Over</span>	 <b>Dr. Shekher C Mande</b> Director-General, CSIR <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Chief Guest</span>	 <b>Dr. Sikandar Kumar</b> Vice Chancellor, HPU <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Special Guest</span>	
 <b>Dr. Madhu Gupta</b> School of Public Health, PGIMER <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Panelist</span>	 <b>Dr. Sukhpal Kaur</b> Lecturer and Academic Incharge NINE, PGIMER <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Panelist</span>	 <b>Dr. Sushma Saini</b> Lecturer and Academic Incharge NINE, PGIMER <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Panelist</span>	 <b>Dr. Amarjeet Singh</b> HoD School of Public Health, PGIMER <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Panelist</span>
 <b>Gurdwara Pratakh Patsahi Sevi</b> Gurdwara Sahib PGIMER, Chandigarh <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Awardee: Tech4Seva Leadership Excellence Award</span>	 <b>Sh. Azad Pandey</b> Social worker, Smile Roti Bank foundation <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Panelist</span>	 <b>Chetna Rehabilitation &amp; Research Centre</b> <span style="background-color: #00b050; color: white; padding: 2px 5px; font-weight: bold;">Awardee: Arugaya CIBIOD Innovation and Enterprise Leadership Award</span>	

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## tech4Seva-Workshop

### Divyangjan: Deployment of Technology for Them




October 9, 2021 / 11:30 AM – 1:00 PM

Eminent Guests				
				
Dr. Malika Nadda President, Paralympics Association	Sh S. Govindaraj National President, Saksham			
Chief Guest	Preside Over			

Eminent Speakers				
				
Sh Sibaji Panda Executive Member and Sr. Consultant (Deaf Expert)	Prof M. Balakrishnan IIT Delhi	Dr. Jagannath Singh Principal, Institute for Blind, Chandigarh	Dr. Nilesh Kumar Principal Scientist, CSIO	Prof Anupam Basu Director NIT Durgapur
Keynote	Panelist	Panelist	Panelist	Panelist

Awardees		
		
Dr Sharanjeet Kaur Vice President and Chairperson, Haryana Welfare Society for Persons with Speech and Hearing Impairment	Dr. SPS Oberoi Sarbat Da Bhala	Shri Arunoday Singh Lead, Ojas Group
Awardee: Arogya CIBioD Innovation and Enterprise Leadership Award	Awardee: Arogya CIBioD Innovation and Enterprise Leadership Award	Awardee: Tech4Seva Leadership Excellence Award

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### Traditional Food, Cooking Practices, Textile and Clothing : Our Wellness Gateway

October 16, 2021 / 11:30 AM – 1:00 PM

Eminent Guests				
				
Prof Vijay P Bhatkar Chairman LIBA and VIBHA	Prof VK Vijay Coordinator, LIBA			
Chief Guest	Special Guest			

Eminent Speakers				
				
Dr Sanjeev Khosla Director, IMTECH	Dr Monica Bahl CEO, Beauty & Wellness Sector Skill Council	Dr. Poonam Aggarwal Principal NIIFT	Sh Jasswinder Singh Chef, UHMT, Punjab University	Ms. Kalyani Singh Nutritionist
Preside Over	Panelist	Panelist	Panelist	Panelist

Awardees			
			
Dr Poonam Aggarwal Principal NIIFT	Dr Monika Entrepreneur, Social Worker	Sh Ram Babu Millet Chef	Sh Uminder Dutt Kheti Virasat Mission
Awardee: Arogya CIBioD Innovation and Enterprise Leadership Award	Awardee: Arogya CIBioD Innovation and Enterprise Leadership Award	Awardee: Tech4Seva Leadership Excellence Award	Awardee: Tech4Seva Leadership Excellence Award

Click the poster to watch the Session



## Sessions

**October 20, 2021 ( Wednesday )**

### Affordable Healthcare

**(Novel Ideas and Technologies for accessible, sustainable and affordable in Health Care )**

The successful triangle for healthcare consists of accessibility, affordability and quality. In order to deliver affordable and sustainable healthcare it is important to take into consideration the communities that we serve. The healthcare system is among the most significant domains that impacts globally and is linked to the development of any country. The health of any economy is dependent on the health of its population. Novel and innovative solutions in the domain of healthcare are the need of an hour.

Session	Time	Topic
1	11:00 AM - 11:45 AM	Inaugural Session
2	11:45 AM - 12:15 PM	Tea Break
3	12:15 PM - 1:45 PM	Predictive, Promotive and Preventive Healthcare (Prevention is better than Cure)
4	1:45 PM - 2:30 PM	Lunch
5	2:30 PM- 4:00 PM	Lifestyle and Nutritional Practices (Traditional Wisdom: Yog, Meditation, Activity & Fitness)

### Inaugural Session

October 20, 2021 [11:00 AM- 11:45 AM]



**Sh. Bandaru Dattatreya**  
Honorable Governor of Haryana  
Chief Guest

**Dr. Shekhar C. Mande**  
DG CSIR  
Keynote Address



**Dr. Frank Richter**  
Chairman, Horasis, Switzerland  
Chief Guest

**Dr NS Kalsi, IAS (Retd)**  
Chairperson, NCVET  
Special Guest



## Sessions

### Predictive, Promotive and Preventive Healthcare (Prevention is better than Cure)

October 20, 2021 [12:15 PM- 1:45 PM]

 <p><b>Dr BN Gangadhar</b> President NMC Medical Assessment and Rating Board Chief Guest</p>	 <p><b>Dr Vir Singh Negi</b> Executive Director AIIMS Bilaspur Preside Over</p>
 <p><b>Dr Rakesh Kapoor</b> Homi Bhabha Cancer Hospital &amp; Research Centre Sangrur and Chandigarh Panelist</p>	 <p><b>Dr Suchita Markan</b> Scientist E, ICMR Panelist</p>
 <p><b>Dr Shankar Prinja</b> Additional Professor, Dept Community Medicine and School of Public Health, PGIMER Panelist</p>	 <p><b>Dr Sanjay Gandhi</b> National Health Services, UK Awardee: Tech4Seva Leadership Excellence Award</p>
 <p><b>Sh Jagdish Rajesh</b> ADG(Admin), ICMR Awardee: Arogaya CIBioD Innovation and Enterprise Leadership Award</p>	

### Lifestyle and Nutritional Practices (Traditional Wisdom: Yog, Meditation, Activity & Fitness)

October 20, 2021 [2:30 PM- 4:00 PM]

 <p><b>Dr Anant Ramakrishnan</b> Director CSIO Chief Guest</p>	 <p><b>J.M. Balamurugan, IAS</b> PS to Governor Preside Over</p>
 <p><b>Dr Vivekananda Pai</b> Secretary VIBHA-MP Special guest</p>	 <p><b>Dr Anil Sharma</b> Registrar, Sri Krishna Ayush University Panelist</p>
 <p><b>Dr Sapna Nanda</b> Principal, Government College of Yoga Education and Health, Chandigarh Panelist</p>	 <p><b>Dr Neeru Malik</b> Dev Samaj College Education Panelist</p>
 <p><b>Dr Ramadas Maganti</b> Principal, Shri Dhanwantri Ayurvedic College &amp; Hospital Panelist</p>	 <p><b>Dr Akshay Anand</b> Professor, Dept of Neurology, PGIMER Panelist</p>
 <p><b>Sh. Ashwani Sekhri</b> Chairman, Punjab Health System Corporation. Confederation of colleges &amp; schools of Punjab Awardee: Arogaya CIBioD Innovation and Enterprise Leadership Award</p>	 <p><b>Dr. Om Prakash Bera</b> Lead Consultant, India State Policy, GHAI Awardee: Tech4Seva Leadership Excellence Award</p>



## Sessions

**October 21, 2021 ( Thursday )**

### **Atmanirbhar Bharat: Promoting Applied Research into Employment & Entrepreneurship**

**( India as Manufacturing Hub for Global Health )**

It is stated that the post covid world would be based on five pillars – Economy, Infrastructure, System, Demography, and Demand. The strength of any country in the current times will depend on the support it provides to startups and businesses based on innovative concepts. Supporting enterprises in the manufacturing sectors across the different domains of healthcare delivery will help the economies to bounce back and reach new heights.

Session	Time	Topic
1	10:00 AM - 11:30 AM	Telemedicine Technology: Accessibility and Scalable Health Ventures (Let's create the Future)
2	11:30 AM - 12:00 PM	Tea Break
3	12:00 PM - 1:30 PM	Entrepreneurship, Innovation and Technology Development for Futuristic India (Indigenous knowledge feeds the future)
4	1:30 PM - 2:30 PM	Lunch
5	2:30 PM - 4:00 PM	MedTech: Realize the Dream of Atmanirbhar Bharat (Inclusive Development)

### **Telemedicine Technology: Accessibility and Scalable Health Ventures (Let 's create the Future)**

October 21, 2021 [10:00 AM- 11:30 AM]



**Dr G Satheesh Reddy**  
Secretary DDRD & Chairman DRDO  
Chief Guest

**Sh. Jitendra Singh**  
Minister of State (Independent) Ministry of  
Science and Technology and Earth Sciences  
Government of India  
Chief Guest



**Sh. Jayant Sahasrabudhe**  
National Organizing Secretary, Vijnana  
Bharati  
Preside Over

**Dr Omkar Rai**  
Director General STPI  
Special Guest



**Dr Varinder Garg**  
Principal Investigator CIBIOD, OSD to Union  
Health Minister and President PGIMER  
Panelist

**Dr Sanjay Sood**  
Associate Director CDAC  
Panelist



**Dr. Rakesh Sehgal**  
Professor, Dept of Parasitology PGIMER  
Panelist

**Dr Jagadeesh Gopalan**  
Professor, Aerospace Engineering, IISc  
Panelist



**Dr Sakshi, Dr Rohit Garg, Sh Ramdev Krishan,  
Sh Sushil Rana**  
CIBioD, SVIG, TATA communication, RMS  
Joint Venture  
Awardee: Arogaya CIBioD Innovation and  
Enterprise Leadership Award

**Mr. Deepak Arora**  
Director, Market Access and Commercial  
Strategy  
Awardee: Tech4Seva Leadership Excellence  
Award



## Sessions

### Entrepreneurship, Innovation and Technology Development for Futuristic India (Indigenous knowledge feeds the future)

October 21, 2021 [12:00 PM - 1:30 PM]



**Sh Shaurya Doval**  
Managing Director, Zeus Caps  
Presiding Over

**Sh Rajinder Gupta**  
Trident  
Chief Guest



**Sh Sanjeev Kumar**  
Chairman, TCIL  
Special Guest

**Sh DNS Murthy**  
MD & CEO (Dhanush Group)  
Panelist



**Sh Niraj Sharan**  
Chairman & CEO, Aura Inc  
Managing Director, Aurys SRL Italy  
Panelist

**Sh Aroop Zutshi**  
Managing Partner Frost and Sullivan, USA  
Panelist



**Dr Meenakshi Ashri**  
Professor (Rheumatology), Rush University,  
Illinois Associate Program Director, Rush  
Lupus Clinic  
Panelist

**Mr. Simon Gallagher**  
General Manager, Takeda India  
Awardee: Arogaya CIBioD Innovation and  
Enterprise Leadership Award



**Sh Kamendra Kumar**  
Director (Technical), Telecommunication  
Consultants India Limited (TCIL)  
Awardee: Tech4Seva Leadership Excellence  
Award

**Dr JS Bamrah**  
Chairman BAPIO  
Awardee: Tech4Seva Leadership Excellence  
Award



### MedTech: Realize the Dream of Atmanirbhar Bharat (Inclusive Development)

October 21, 2021 [2:30 PM- 4:00 PM]



**Sh Madan Krishnan**  
CEO, Medtronics  
Chief Guest

**Preeti Mohan**  
Managing Director - Business  
Transformation, Accenture  
Special Guest



**Sh Rajive Gulati**  
UN Technology Innovation Labs UNTILabs  
UNOICT  
Panelist

**Sumir Sahgal**  
M.D. FACP  
Panelist



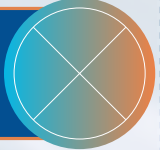
**Dr Harish Kumar**  
Professor Panjab University  
Panelist

**Dr S Eswara Reddy**  
Drug Controller General of India  
Panelist



**Dr. Deepti Behal**  
MD, Medical Oncology Palliative Care, CA  
Awardee: Tech4Seva Leadership Excellence  
Award

**Dr. Vinod Lakhanpal**  
Senior Partner and Director, Vitreo-Retinal  
Service, Eye Consultants of Maryland  
Awardee: Arogaya CIBioD Innovation and  
Enterprise Leadership Award



**Mr. Ayush Kapoor**  
Marketing Manager, Lifebuoy Brand, HUL  
Awardee: Arogaya CIBioD Innovation and  
Enterprise Leadership Award



## Sessions

October 22, 2021 ( Friday )

### Environment friendly and sustainable technologies

( Technology for recouping environment )

The era of green tech and Ayurveda is on rise now and is growing steadily with digital transformation. Use of green technology is on rise with new innovative ways to make environmental friendly changes in daily life. The use of eco friendly resources reduces the amount of waste and pollution that are created during production and consumption activities, thereby reducing the health risks to population at large. The recent decade has witnessed many landmark observations, which have added to the scientific credentials of Ayurveda.

Session	Time	Topic
1	10:00 AM - 11:30 AM	Eco-Restoration of lost natural resources and Health Risk Assessment (Compassion for nature is the key for Sustainability)
2	11:30 AM - 12:00 PM	Tea Break
3	12:00 PM - 1:30 PM	Healthcare Policy for Integrated Development (Healthy Bharat)
4	1:30 PM - 2:30 PM	Lunch
5	2:30 PM - 4:00 PM	Synthesis of Modern Science in the Field of Ayurveda (The best rule for development is to up keep the link between man and the nature)

### Eco-Restoration of lost natural resources and Health Risk Assessment

(Compassion for nature is the key for Sustainability)

October 22, 2021 [10:00 AM- 11:30 AM]

 <p><b>Dr VB Mathur</b> Chairperson, National Biodiversity Authority Chief Guest</p>	 <p><b>Dr Adarsh Vig</b> Chairperson, Punjab Pollution Control Board Preside Over</p>
 <p><b>Dr Alok Chaturvedi</b> Professor, Purdue University; Director ISSEK Special Guest</p>	 <p><b>Dr BR Kamboj</b> Vice-Chancellor, CCS Haryana Agriculture University Special Guest</p>
 <p><b>Sh Parveen Ramdas Ji</b> National Secretary, VIBHA Special Guest</p>	 <p><b>Dr Chandrabhas Narayana</b> Director, Rajiv Gandhi Centre for Biotechnology Panelist</p>
 <p><b>Sh Naren Bakshi</b> Chairman of Board &amp; Founding Trustee; Crack the Wellness Code; Wellness Movement Panelist</p>	 <p><b>Sh Varun Pandey</b> Co Founder, We Communities Panelist</p>
 <p><b>Prof. Ashwani Pareek</b> Executive Director NABI Awardee: Arogaya CIBioD Innovation and Enterprise Leadership Award</p>	 <p><b>Dr Madhuri Rishi</b> Assistant Professor, Department of Environment Studies, Panjab University Panelist</p>
 <p><b>Prof KPJ Reddy</b> IISc Bangalore Awardee: Tech4Seva Leadership Excellence Award</p>	

## Sessions

### Healthcare Policy for Integrated Development (Healthy Bharat)

October 22, 2021 [12:00 PM- 1:30 PM]



Dr VK Paul  
Member NITI Aayog  
Chief Guest

Dr Shyam Sundar Pattnaik  
Director NITTTR Chandigarh  
Special Guest



Prof Dheeraj P Sharma  
Director IIM Rohtak  
Guest of Honour

Sh Sarvesh Kaushal, IAS  
Rt. Chief Secretary  
Preside Over



Dr Amarjeet Singh  
HoD, School of Public Health, PGIMER  
Panelist

Dr Keerti Bhusan Pardhan  
PhD, Professor- Healthcare Management  
Expert-Public Health Strategy and Innovation  
Panelist



Dr Shankar Prinja  
Additional Professor, Community Medicine  
and School of Public Health, PGIMER  
Panelist

Sh Chetan Mittal  
Senior Advocate, Chandigarh  
Awardee: Tech4Seva Leadership Excellence  
Award



Sh Jagdip Ahluwalia  
Director IACCGH, Houston, USA  
Awardee: Arogaya CIBioD Innovation and  
Enterprise Leadership Award

Sh Arpit Chaturvedi  
Director, GPODS and GPI  
Awardee: Arogaya CIBioD Innovation and  
Enterprise Leadership Award



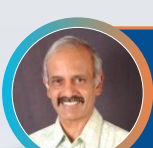
### Synthesis of Modern Science in the Field of Ayurveda (The best rule for development is to up keep the link between man and the nature)

October 22, 2021 [2:30 PM- 4:00 PM]



Sh Vaidya Rajesh Kotecha  
Secretary, Ministry of Ayush  
Chief Guest

Dr Yogender Malik  
Member Ethics & Medical Registration Board,  
National Medical Commission (NMC)  
Preside Over



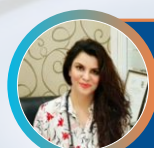
Dr. J Gowrishankar  
Director, IISER Mohali  
Special Guest

Dr Geetha Krishnan  
Medanta, Medicity Hospital  
Panelist



Dr Rama Jayasundar  
Professor and Head, Department of NMR,  
AIIMS Delhi  
Panelist

Prof. Baldev Setia  
Director, PEC  
Awardee: Tech4Seva Leadership Excellence  
Award



Dr Deepika Jain  
International Health and Wellness Expert  
Awardee: Arogaya CIBioD Innovation and  
Enterprise Leadership Award



## Sessions

**October 23, 2021 ( Saturday )**

### **Innovation & Technology for Health & Wellness**

*( Synchronize with Nature for Healthy Future )*

Despite the unprecedented advancement in the Medical, Pharmacology and other technologies the dream of Health and wellness for all is still elusive to mankind. The increased use of technology also led to some undesired effects on health & wellness. Deployment of Innovative & Disruptive Technology for striking a balance between the mankind and the nature is the need of the Hour. Let us not only promote the eco-friendly technologies but also innovate the out of box solutions to regain our wasted natural sources. Let us synchronize the technology with Nature instead of conquering the nature.

Session	Time	Topic
1	10:00 AM- 11:30 AM	Assessing Community Health Needs and Resources (Samastha Bharat Swasth Bharat)
2	11:30 AM- 12:00 PM	Tea Break
3	12:00 PM- 1:30 PM	Bio-medical Waste Management (Let's Save the Nature)
4	1:30 PM- 2:30 PM	Lunch
5	2:30 PM- 4:00 PM	Lets Connect to Grassroot (Discussion on Identified Challenges in Pre-Workshops)
6	4:15 PM- 5:15 PM	Valedictory

### **Assessing Community Health Needs and Resources**

**(Samastha Bharat Swasth Bharat)**

October 23, 2021 [10:00 AM- 11:30 AM]



**Dr Arvind Rajwanshi**  
Director, AIIMS, RaiBareilly  
Chief Guest



**Dr YK Gupta**  
President, AIIMS Bhopal and AIIMS Jammu  
Preside Over



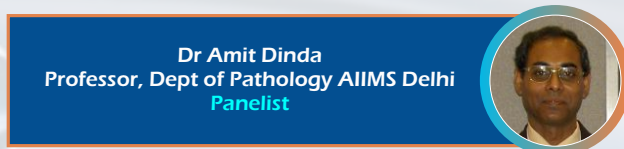
**Dr Arvind**  
Vice Chancellor, Punjabi University  
Special Guest



**Sh Gaurav Dhawan**  
Deputy Director (Admin), PGIMER  
Special Guest



**Dr Shankar Prinja**  
Additional Professor, Community Medicine  
and School of Public Health, PGIMER  
Panelist



**Dr Amit Dinda**  
Professor, Dept of Pathology AIIMS Delhi  
Panelist



**Dr Madhu Gupta**  
Professor, Dept of Community Medicine  
PGIMER  
Panelist



**Prof. Amitava Patra**  
Director INST  
Awardee: Tech4Seva Leadership Excellence  
Award


**Ms. Utsavi Deepak**  
Head, Corporate Social Responsibility, Imerys  
Awardee: Arogya CIBioD Innovation and  
Enterprise Leadership Award



## Sessions

### Bio-medical Waste Management (Let's Save the Nature)

October 23, 2021 [12:00 Noon- 01:30 PM]

 <p><b>Sh Virender Kanwar</b> Minister of Rural Development, Panchayati Raj, Agriculture, Animal Husbandry and Fisheries <b>Chief Guest</b></p>	 <p><b>Dr Jaspal Singh</b> Vice Chancellor, GNDU <b>Special Guest</b></p>
 <p><b>Dr Karamjeet Singh</b> Vice Chancellor, GNDSOU <b>Special Guest</b></p>	 <p><b>Dr Zora Singh</b> Chancellor, Desh Bhagat University <b>Preside Over</b></p>
 <p><b>Dr JS Thakur</b> Professor. Department : Community Medicine and School of Public Health, PGIMER <b>Panelist</b></p>	 <p><b>Dr Nivedita</b> Bikaner House Dispensary, Rajasthan Medical and Health, Delhi <b>Panelist</b></p>
 <p><b>Dr Gopal Pathak</b> Vice Chancellor Jharkhand University of Technology, Ranchi <b>Panelist</b></p>	 <p><b>Sh Amit Chowdhary</b> Co-Founder Lenskart <b>Awardee: Arogaya CIBioD Innovation and Enterprise Leadership Award</b></p>

### Lets Connect to Grassroot

### (Discussion on Identified Challenges in Pre-Workshops)

October 23, 2021 [2:30 PM- 4:00 PM]

 <p><b>Sh. Jayant Sahasrabudhe</b> National Organizing Secretary, Vijnana Bharati <b>Preside Over</b></p>	 <p><b>Dr Vijay Chauthaiwale</b> Independent Health Consultant <b>Chief Guest</b></p>
 <p><b>Dr KK Talwar</b> Former Chairman Medical Council of India <b>Special Guest</b></p>	 <p><b>Dr Rajiv Ahuja</b> Director IIT Ropar <b>Special Guest</b></p>
 <p><b>Dr Shilpa Garg</b> Medical Officer, Haryana Civil Medical Services <b>Panelist</b></p>	 <p><b>Dr Vivek Kumar</b> Professor, IIT Delhi <b>Panelist</b></p>
 <p><b>Dr Alka Rao</b> Principal Scientist IMTECH <b>Panelist</b></p>	 <p><b>Dr Devinder Mehta</b> Professor, Panjab University <b>Panelist</b></p>
 <p><b>Dr. Mandeep, Dr. Ravinder Kumar Duvedi ,Dr Kulbir Singh,Dr Bikramjit Sharma</b> Thapar Institute of Engineering &amp; Technology <b>Awardee: Arogaya CIBioD Innovation and Enterprise Leadership Award</b></p>	 <p><b>Dr Inderpal Singh Chhabra</b> Clinical Assistant Professor, Donald and Barbara Zucker School of Medicine, Hofstra/Northwell, USA <b>Awardee: Tech4Seva Leadership Excellence Award</b></p>



## From Convener's Desk



**Dr. Varinder Garg**  
**MBBS, MD (Radiology)**  
**PI, ICMR-CIBioD,**  
**OSD to Union Health Minister & President**  
**PGIMER, Chandigarh**

**Our dream at Tech4Seva is to promote the Indian clinicians and technocrats to collaborate for joint research. We will not only identify the bottlenecks but also promote the research to make India a healthcare devices manufacturing hub. Our focus is to strategize out of box solutions to overcome the shortfalls and to channelise our expertise to make the healthcare affordable for each and everyone.**

**Let's synchronize our energies and efforts for fulfillment of our idea of optimum well being for all.**

“सर्वे भवन्तु सुखिनः सर्वे सन्तु निरामयाः।  
सर्वे भद्राणि पश्यन्तु मा कश्चिद्दुःखभाग् भवेत्॥”

*“sarve bhavantu sukhinah sarve santu niramayah/  
sarve bhadrani pasyantu ma kascidduhkhahag bhavet||”*

*“May all be happy; May all be free from infirmities;  
May all see good; May none partake suffering.”*

वीरेंद्र गार्ग

Convener Tech4Seva

## Collaborators



Vijnana Bharti



CIBioD, PGIMER



Unnat Bharat  
Abhiyaan



AICTE



NMC



NCVT



UGC

## Associates



PGIMER,  
Chandigarh



Panjab University



IIT Ropar



NIT Jalandhar



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## Co-conveners Tech4Seva



Dr Harish Kumar  
Professor Panjab University  
Co-PI ICMR CIBioD



Prof Vivek Kumar  
Professor, CRDT  
Indian Institute of Technology,  
Delhi



Prof. Sakshi Kaushal  
Professor Panjab University  
Co-PI ICMR CIBioD



Dr. Manoj Goyal  
Co-PI ICMR CIBioD  
(MBBS, MD, DM Neurology)



Prof. Surinder S. Rana  
Co-PI Investigator ICMR CIBioD  
(MBBS, MD, DM Gastroenterology,  
PGIMER)