

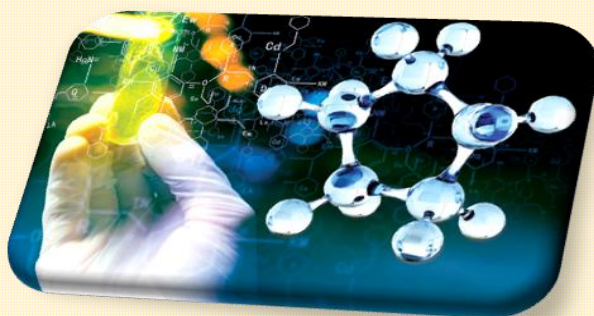


# International e-Conference

On

Recent Advances & Innovations in Applied Sciences - 2023  
(RAIAS-2023)

August 12, 2023



Organized By



IITyam India Academy Delhi  
In collaboration with



Department of Higher Education



H.N.B. Govt. P.G. College, Khatima,  
U.S. Nagar, Uttarakhand  
(affiliated to Kumaun University Nainital)



Rajkiya Sanatakotter Mahavidyalaya Bazpur  
(GPGC, Bazpur), U.S. Nagar, Uttarakhand  
(affiliated to Kumaun University Nainital)

### **About IITyam, India Academy Delhi**

IITyam India Academy (reg. under Ministry of Corporate Affairs (MCA), Govt. of India) is an educational institute founded by a group of young, energetic IITians based in India in Oct 2018. Mr. Prince Kumar (B.Tech. IIT Delhi) is one of the founding Director of IITyam India Academy. IITyam India Academy (IIA) has emerged as one of the best educational institutes in India and is aspiring to become a global leader. Quality in teaching learning, research, and innovation make IITyam unique. IITyam attracts students from almost every corner of India because of its academic excellence. Our mission is to make IITyam a global leading educational centre.

Education is an integral part of the growth and development of every individual. The expectations from an educational institute are always about making society better for all in every aspect. The famous statement of Nelson Mandela is displayed at the entrance of the University of South Africa thus: ***“Destroying any nation does not require the use of atomic bombs or the use of long-range missiles”***. It only requires lowering the quality of education and allowing cheating in the examinations by the students.

### **About HNB Govt PG College, Khatima, US Nagar, Uttarakhand**

Hemwati Nandan Bahuguna (H.N.B.) Government Post Graduate College is affiliated with Kumaun University Nainital and is situated at Khatima, a tribal block of Udham Singh Nagar (U.S. Nagar) in Uttarakhand. It lies on the important national highway which connects Bareilly to Pithoragarh. Khatima has its border touching Uttar Pradesh and Nepal. Being established in a border town the college caters to the need of a large number of students coming from either side of the border. Government P.G. College, Khatima Uttarakhand was established in 1988. H.N.B. Govt. P.G. College offers Under Graduate (U.G.), Post Graduate (P.G.), and Ph.D. programs in various disciplines like Science, Arts, and Commerce. In addition to these regular programs self-financed B.Ed., P.G. Diploma in Yoga & Alternative Therapies, and M.A. in Yoga & Alternative Therapies are also being run. Uttarakhand Open University Centre of the college also offers several programs conducted by Uttarakhand Open University (UOU).

### **About Rajkiya Sanatakottar Mahavidyalaya Bazpur (GPGC, Bazpur), USN, Uttarakhand**

Located in the tarai region of the Himalayas, Rajkiya Sanatakottar Mahavidyalaya Bazpur (GPGC, Bazpur) is a co-educational institution affiliated to Kumaun University Nainital. The college was established in 1996. It is located in the rural area and is about 5 km distant from the sub urban town Bazpur. The college is spread over an area of 11.2 acres. In 2012 faculty of science was established in the college. After successfully running undergraduate courses for 17 years, post graduate courses were introduced in the college in 2014 in four subjects of faculty of arts. In 2015 Post Graduate classes of Science subjects were started. In the same year the college was scheduled under 2(f)/12(b) of UGC Act, 1956. The college was given a permanent Post Graduate College status by Government of Uttarakhand in 2017. College has started P.G. course in Faculty of Commerce from year 2019. At present it is a multidisciplinary college with twelve departments under three faculties viz. Faculty of Arts, Faculty of Science and Faculty of Commerce. Faculty of arts comprises of 06 departments viz Hindi, English, History, Sociology, Political Science and Sanskrit. Faculty of Science comprises of 05 departments viz Maths, Physics, Chemistry, Botany and Zoology. Institute also enrolls Ph.D. scholars in all the Departments.

## About the e-conference

**RAIAS-2023** aims to bring together academicians and researchers for discussions and long-term sharing of knowledge on recent advances in applied sciences for tackling global challenges of health and environment that will help in creating a safer, healthier and more sustainable world by developing new chemicals, materials and methods that are less harmful to human health and the environment.

The objective of the e-conference is to bring together researchers, scientists, academicians and industry professionals from various disciplines to explore the latest advancements and innovations in applied sciences and its applications in promoting health and protecting the environment. The conference intends to provide a platform for exchanging knowledge, ideas and experiences, fostering collaborations and discussing practical challenges and opportunities in the field. Besides invited talks of stalwarts and plenary keynote speakers, there shall be oral presentations of contributed research papers on various sub themes. The key objectives of integrating Applied Science for Health and Environment are:

- Developing safer chemicals and materials
- Promoting public health
- Advancing scientific research
- Improving drug development and delivery
- Reducing environmental impact of chemicals

**International e-Conference RAIAS-2023** will be the idyllic destination for the Professors, Academicians, Research Scholars, Young Turks, Doctors, Healthcare, Corporate to share their knowledge and vision. It will be a perfect platform to build up new connections and work together for sustainable growth and development with Excellence and Humility. This virtual conference will lay a platform for the interaction among experts around the world and aim to accelerate scientific discoveries and major milestones in the field of **Sciences and Technology**.

## Key Highlights of the Conference:

- RAIAS-2023 is scheduled to be held on August 12, 2023 at Zoom Platform.
- The conference will go in online mode and have an opportunity to present your research work online.
- Keynote lectures by esteemed experts from all over the world.
- The conference will bring together academicians, researchers and industry professionals on a single platform for meaningful discussion and collaboration.
- Presentations of research findings through oral presentations.
- Abstract submission is open until August 06, 2023.

## Abstract Submission

The technical program comprises of invited, oral and poster presentations on zoom platform. Interested participants may submit an abstract of their original research work for invited lectures/oral/poster presentation. Abstracts are invited with the words limit of 150-200. Title (Times New Roman, Bold, Font size 14), Author's name (Times New Roman, Bold, Font size 12), Institutional address (Times New Roman, *Italic*, Font size 10), Graphic address (using ACS 1996), Abstract text (Times New Roman, Font size 12, Line spacing 1.0), Key Words (Times New Roman, Font size 10, *Italic*), References ACS style (Times New Roman, Font size 10, line spacing 1.0). Abstract may be submitted through email on [iityam.info@gmail.com](mailto:iityam.info@gmail.com).

The main motto to conduct the conference online is greater productivity with save money & time. A virtual international conference provides a common platform for researchers and academicians to share new innovations and inventory ideas that will fill everyone with enthusiasm and positive energy. Moreover, this would be an effective way to showcase budding scientist's talent and upgrade knowledge. Zoom video communications will be used to organize the conference virtually.

The conference will entail broad disciplines viz. Chemical Sciences / Life Sciences/Physical sciences /Mathematical modelling etc.

## Book Publication

Only selected manuscripts will be published in form of chapters in book/magazine consists of ISBN by reputed publisher.

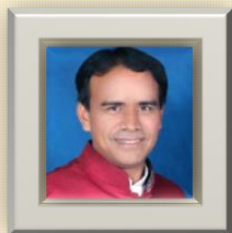
## Important Dates

Last date of registration: August 10, 2023.

Last date of submission of abstract: August 06, 2023.

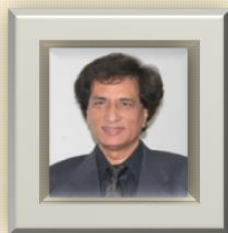


## Our Inspiration



**Dr. Dhan Singh Rawat**  
Hon'ble State Minister of Higher Education  
Government of Uttarakhand India

## Chief Guest



**Prof. Bhuvanesh Gupta**  
Emeritus Professor  
Dept. of Textile & Fibre Engineering IIT Delhi, India  
**President** Asian Polymer Association (APA)  
Former Director (Research), SMU Gangtok

## Guest of Honor



**Prof. Ajay Taneja**  
Pro Vice Chancellor  
Dr. BRA University, Agra UP India

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Vice Chancellor  
Kumaun University  
Nainital, Uttarakhand India



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Vice Chancellor  
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**Shiv K. Upadhyay (IIT Delhi)**  
Joint Secretary  
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New Delhi, India

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**Dr. Atul Upreti**  
Assistant Professor  
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Govt. P.G. College, Bazpur, UK India



**Dr. Ashish K. Upadhyay**  
Assistant Professor  
Department of Chemistry  
HNB Govt PG College, Khatima, UK India  
Academic Head : IITyam India Academy Delhi



**Dr. Mamta Belwal**  
Assistant Professor  
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Sr. Scientist  
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**Dr. Manju Srivastava**  
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**Dr. R. S. Negi**  
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KNIT Sultanpur UP India



**Miss. Archana Maurya**  
HNB GPGC Khatima, India



**Miss. Astha Joshi**  
HNB GPGC Khatima, India

# Words of wisdom by eminent speakers

## Keynote Speakers



**Dr. V. Vishwanathan**  
Professor and HOD

Applied Sci Botho Univ. Gaborone, Botswana



**Dr. Abhishek Mathur**  
Director

IBTCA INDIA Dehradun, UK India



**Dr. B. Sreedhar**  
Senior Principal Scientist

CSIR - IICT Hyderabad, India



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Dr. Hema Pandey	HNB GPGC, Khatima UK, India	Mr. Nitin Gupta	Shri Varshney College, Aligarh, UP India

## Who can attend?

UG/PG students, Ph.D./Postdoc Research Scholar, faculties (of all disciplines of any university or college), scientists from R&D institutes and industry researchers working in the area of science.

## How to register?

Participants are instructed to register in international **e-Conference** with Name, Designation Affiliation, Country, Phone Number and email id. After the registration in e-Conference, e-Conference ID and password will be sent to the registered email id.

- ☞ Only registered participants are allowed to participate in the international e-conference.
- ☞ Link for the e-Conference will be sent to the e-mail of the registered participants.
- ☞ E-Certificates will be sent to registered participants who have attended the e-Conference. It will be sent on their registered email ID.
- ☞ The e-conference will also be available live on the YouTube LIVE stream and Facebook.

## Free Registration

Please click on the **link** below to register through Google Forms RAIAS-2023

<https://forms.gle/B28LVdYe1Kw15cyE9>

Your registration will be confirmed once you join the telegram group RAIAS-2023 by clicking on the following link:

<https://t.me/+v45qLvsacl0yOGM1>

As this would be a single point communication for this e-conference. Please ignore this if you have already joined the telegram group.

All participants are requested to join WhatsApp Group RAIAS-2023 by clicking on the following link:

<https://chat.whatsapp.com/H2Z6rjupvSpAhUrJSpt4uR>

Please feel free to contact us for registration, whose details are:

### Conference Secretariat

**Dr. Ashish K Upadhyay (CSIR-IICT)**

Assistant Professor

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### e-Certificate

Participation certificate will be given to only registered participants who attend all sessions

# RAIAS-2023