

# XXII National Symposium (NSU-2017)

on

## Advances in Ultrasonics and Materials Research

(November 8-10, 2017)



Organized by

**Department of Physics & Astronomical Science,**

**Central University of Himachal Pradesh, Dharamshala, HP-176215**

&

**Ultrasonics Society of India, National Physical Laboratory, New Delhi**



Website: [www.cuhimachal.ac.in](http://www.cuhimachal.ac.in), [www.ultrasonicsindia.org](http://www.ultrasonicsindia.org)

Email: [padmnabhrai@gmail.com](mailto:padmnabhrai@gmail.com), [jagdishphysicist@gmail.com](mailto:jagdishphysicist@gmail.com)

Phone: +91-1892-237285, +91-9857963538

**Venue**

**Central University of Himachal Pradesh,**

**Dharamshala, Dist. Kangra, HP-176215**

## Important Dates

Submission of Manuscript	:	September 15, 2017
Confirmation of Acceptance	:	September 30, 2017
Registration	:	October 15, 2017
Request for Accommodation	:	October 30, 2017
Date of Conference	:	November 8-10, 2017

## Tentative Invited Speakers

- Dr. Vikram Kumar, Department of Physics, IIT Delhi, President, Ultrasonics Society of India (USI)
- Dr. Raja Ram Yadav, Vice Chancellor, VBS Purvanchal University, Vice President, USI
- Dr. P. K. Ahluwalia, Department of Physics, Himachal Pradesh University
- Dr. Vilas A. Tabhane, Department of Physics, Pune University, Former Director, Institute of Physics
- Dr. Prabhakar Singh, Department of Physics, IIT BHU
- Dr. Shushil Auluck, Department of Physics, IIT Roorkee, NPL New Delhi
- Dr. Arti Kashyap, Department of Physics, IIT Mandi
- Dr. Satish Kumar Dubey, Instrument Design and Development Centre, IIT Delhi
- Dr. Pawan Kumar Tyagi, Department of Physics, Delhi Technical University
- Dr. Rita Pakary, Department of Physics, Ravenshaw University
- Dr. OSKS Sastri, Department of Physics, Central University of Himachal Pradesh
- Dr. Devraj Singh, Amity School of Engg. and Technology, Indra Prasth University New Delhi
- Dr. V. R. Singh, Vice-President, USI
- Dr. Yudhisther Kumar Yadav, Secretary, USI, NPL New Delhi
- Dr. M. Srinivas, Department of Physics, M. S. University of Baroda

## Objectives and Scope

The materials have always played a lead role in taking the human understanding of nature to new levels. The research and developments in material sciences and ultrasonics has brought many new materials with never attained desirable properties. These new materials provide the scientists and engineers with vast options to practice their creativity and come up with new technologies for improving quality of life. This conference will bring together eminent experimental and theoretical researchers working in various areas of material science and in the field of ultrasonics to discuss and share their ideas. The main focus of the conference will be around following areas:

*Nanomaterials and Their Applications; Potential Applications of CVD Techniques; Nanoscale Electronics and Photonics; Plasmonics and Metamaterials; Energy Harvesting Materials, Modern Superconducting Materials, Sensors and Applications; Materials for Optical Applications; Ultrasonics and its Applications in Material Science, NDT, Underwater Acoustics, Biomedical Ultrasound, Sonochemistry, Physical Acoustics; Dirac Materials; Modelling and Simulations of Materials; Multifunctional Materials; Carbon based Smart Materials; Ancient Indian Science & Technology.*

## Central University of Himachal Pradesh (CUHP)

The Central University of Himachal Pradesh has been established under Central Universities Act 2009 of Indian Parliament and has been operating near beautiful city Dharamshala in Himachal Pradesh since 2010. The University is funded and regulated by the University Grants Commission (UGC). Currently CUHP has a total of 11 schools of studies in different areas varying from basic sciences, business administration, and tourism & travel.

The department of Physics and Astronomical Science is one of the departments under School of Physical and Material Sciences. Currently department is offering post graduate (M.Sc.) and undergraduate courses (B.Sc.-Honours in Physics) programs. The main objective of the department is to establish high standards to education, intellectual discourse and professional excellence in tandem with ethical values leading to well-being of the society. Department has highly qualified faculty with expertise in different areas of physics such as Material science, Nuclear and Particle Physics, Astronomical Science, and Nanomaterials. The expertise of faculty varies from hard core theoretical physics to cutting edge areas of experimental physics. In days to come, the department of Physics and Astronomical Science aims to establish state-of-the-art research facilities in different areas of physics and come up as one of the leading groups in research and innovation.



## Ultrasonic Society of India (USI)

The Ultrasonic Society of India (USI), founded in 1974 at NPL, has been actively promoting research and development in ultrasonics and related areas for more than four decades. It has organized more than 40 National and International conferences/symposia in various parts of the country. Society has instituted awards for encouragement to young researchers and is presented during the annual Symposium. The Society also publishes “*Journal of Pure and Applied Ultrasonics*” (JPAU). A large number of scientists, manufacturers, academicians and students have been benefited from the Society’s activities (For details visit: [www.ultrasonicsindia.org](http://www.ultrasonicsindia.org)).

## Submission of Manuscript

The full manuscript should be typed in the Times New Roman 12 font size with maximum length of 3 pages (including figures). The manuscript should include the title in upper case, name(s) of the authors, the author's institution(s) with complete address and e-mail with 4-6 keywords. The soft copy (PDF file) of the manuscript should be submitted to [aumr.cuhp2017@gmail.com](mailto:aumr.cuhp2017@gmail.com). At least one of the authors should register for the symposium. The paper(s) received without the registration fee will not be included in the conference. **The proceedings of the conference will be published in *Journal of Pure and Applied Ultrasonics* (JPAU) (UGC-Indexed Journal).**

## Registration Fee

Registration fee covers conference kit, certificate, refreshments, and lunch. Participants have to pay separately for their accommodation. The fees must be sent to Dr. Padmnabh Rai by DD drawn in Favour of **Finance Officer**, Central University of Himachal Pradesh payable at Dharamshala (HP) or online transfer to university account [*Name of the Bank: Canara Bank Dharamshala; Account name: Central University of Himachal Pradesh; Account number: 2062101009593; IFSC Number: CNRB0002062*], before the due date to confirm registration.

<b>Research Scholars : Rs. 1500.00</b>	<b>Industry Delegates: Rs. 3000.00</b>
<b>Faculties &amp; Scientists : Rs. 2000.00</b>	<b>USI Members : Rs. 1500.00</b>

## Boarding/Lodging

Accommodation will be provided on a “first come first serve” basis in different hotels / nearest guest house to the venue at negotiated price. Necessary transport will be provided from hotel/guest house to venue of conference. Necessary payment should be made by the delegate to the respective hotel. In case candidates need transport from nearest airport or railway station, organizers can arrange the same for which delegates will have to pay applicable charges.

## About Dharamshala

Dharamshala is a place with profile and is known worldwide. Serene Location, pleasant climatic condition, spiritual atmosphere of the location provides an attractive ambience conducive to academic pursuits. Located at footsteps of beautiful Dhauladhar range of Himalayas, the city of Dharamshala's many magnificent places to visit. A few to mention are: McLeodGanj, the home place of renowned spiritual leader Dalai Lama, International Cricket Stadium, Norbulingka monastery famous for beautiful ambience and Tibetan culture, famous Naddi village offering mesmerizing view of Dhauladhar. An exhaustive list of tourist destination near Dharamshala can be found at <http://www.hill-stations-india.com/dharamshala/>.

## Important Note

To encourage young researchers and scientists, the USI society will give the following award:

- **Dr. S. Parthasarathy Memorial Award** for the best paper published in the Journal of Pure and Applied Ultrasonics,
- **Dr. M Pancholy Memorial Award** for the best oral paper presented at National Symposium on Ultrasonics
- **Dr. T. K Saksena Memorial Award**, given to a student who has obtained a Ph.D. degree, for his/her work in the field of ultrasonics or allied area
- **Best Poster Paper Award** from Ultrasonics Society of India
- **Best Poster Paper NSU-2017** award from Organizers

## Organizing Committee

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**Prof. (Dr.) Kuldeep Chand Agnihotri**, Honorable Vice Chancellor, CUHP, Dharamshala (HP)

### Patron

**Prof. H. R. Sharma**, Pro Vice Chancellor, CUHP, Dharamshala (HP)

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**Dr. O. S. K. S.Sastri**

Associate Professor, Department of Physics & Astronomical Science, CUHP, Dharamshala (HP)

### Co-Chairman

**Dr. B. C. Chauhan**

Dean, School of Physical & Material Sciences; Head, Department of Physics & Astronomical Science, CUHP, Dharamshala (HP)

### Convener

**Dr. Padmnabh Rai**, UGC-Assistant Professor, Department of Physics & Astronomical Science, CUHP, Dharamshala (HP)

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**Dr. Jagdish Kumar**, Assistant Professor, Department of Physics & Astronomical Science, CUHP, Dharamshala (HP)

### Organizing Secretary

**Dr. Rajesh Kumar Singh**, UGC-Assistant Professor, Department of Physics & Astronomical Science, CUHP, Dharamshala (HP)

### General Secretary

**Dr. Yudhisther Kumar Yadav**, Ultrasonics Society of India, CSIR-NPL, New Delhi, India

### Local Organizing Committee

- Dr. O.S.K.S Sastri, CUHP, Dharamshala (HP)
- Dr. B. C. Chauhan, CUHP, Dharamshala (HP)
- Dr. Padmnabh Rai, CUHP, Dharamshala (HP)
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- Dr. Sachin Srivastava, CUHP, Dharamshala (HP)
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- Mr. Arun Bhatia, CUHP, Dharamshala (HP)
- Dr. Suman Sharma, CUHP, Dharamshala (HP)
- Mr. Debasis Sahoo, CUHP, Dharamshala (HP)

### National Advisory Committee

- **Prof. Vikram Kumar**, IIT Delhi & President Ultrasonics Society of India (USI)
- **Prof. I.V. Malhan**, Dean Academics, CUHP
- **Dr. A. K. Mahajan**, Dean School of Life Sciences, CUHP
- **Dr. Deepak Pant (CUHP)**, Dean School of earth and Environmental Sciences, CUHP
- **Prof. Raja Ram Yadav**, Honorable Vice Chancellor, VBS Purvanchal University & Vice President USI
- **Prof. Ashutosh Sharma**, Secretary, DST
- **Dr. Girish Sahni**, Secretary DSIR & DG-CSIR
- **Dr. D. K. Aswal**, Director, NPL
- **Dr. Soumya Swaminathan**, DG-ICMR
- **Dr. S. Christopher**, DG-DRDO
- **Dr. Anil Dattatraya Sahasrabudhe**, Chairman, AICTE
- **Dr. Arun Sharma**, Secretary, Deity
- **Mr. Ajay Narayan Jha**, Secretary, MOEF
- **Dr. Krishan Lal**, Former President USI
- **Dr. Baldev Raj**, Former President USI
- **Dr. V. R. Singh**, Vice President USI
- **Dr. S. K. Jain**, NCU Gurugram
- **Dr. Ashok Kumar**, Ex- Sci G, NPL
- **Dr. V. S. Rangra**, Department of Physics, Himachal Pradesh University, Shimla
- **Dr. P. K. Ahluwalia**, Department of Physics, Himachal Pradesh University, Shimla
- **Dr. Arti Kashyap**, Department of Physics, IIT Mandi
- **Dr. Ravi Kumar**, Department of Material Science and Engineering, NIT Hamirpur
- **Dr. S. Siva Sankar Sai**, Department of Physics, Satya Sai Institute Puttarty

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- **Mr. Keshav S. Rawat**, CUHP, Dharamshala (HP)
- **Mr. Manoj Dhiman**, CUHP, Dharamshala (HP)
- **Mr. Girish Sharma**, CUHP, Dharamshala (HP)
- **Mr. Vicky Bhardwaj**, CUHP, Dharamshala (HP)
- **Mr. Sanjay K. Singh**, CUHP, Dharamshala (HP)

## Corresponding Address

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Mobile: +91-8627871474

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# In Silico Approach for Modelling New Materials: Methodology & Applications

(January 14-20, 2019)

Material science has played a pre-eminent role in modern scientific and technological developments. The invention of new materials is bringing paradigm shift the way new technologies are emerging. In the last couple of decades with the cost effective and powerful computation platforms the in silico material design has opened up new opportunities to design and tailor materials properties using first principle DFT approach leading to a wonderful synergy between in-situ approach and in-silico approach.

Department of Physics and Astronomical Science (DPAS); Central University of Himachal Pradesh (CUHP), Dharamshala is organizing a national level one week workshop titled ***In Silico Approach for Modeling New Materials: Methodology & Applications*** during January 14-20, 2019. The main focus of the workshop is to introduce to the students, young researchers and faculty members the basic theoretical background and tools of density functional theory (DFT) based approaches to compute various material properties following a hands on and minds on methodology to demonstrate their application to materials ranging from Bulk to Low Dimensional Systems.

Some of the key aspects proposed to be covered during workshop will include

- *Quantum mechanics of materials*
- *Theoretical challenges to obtain exact quantum mechanical solution for real materials,*
- *Various approximations, and idea of density functionals*
- *Hohenbers-Kohn-Sham approach to DFT, the challenge of exchange-correlation energies and ad-hoc solution for the same,*
- *Idea of local density approximation (LDA) and generalized gradient approximations (GGA),*
- *Idea and application of pseudopotentials, full-potential methods.*
- *Magnetism in DFT*
- *The application of DFT for computing structural, electronic, magnetic, transport, optical and thermal properties of real bulk and nano-scale materials*
- *Hands-on-sessions. For the practical usage of free-open-source software packages such as (ELK, SIESTA, QUANTUM ESPRESSO, SPRKKR, BOLTZTRAP, GULP etc.).*
- *Classical and Quantum Molecular Dynamics*

The overall goal of above workshop is to give participants a quick but complete exposure of modern materials modelling techniques so as to equip them with additional tools for new innovations in material science.

**Last Date for Application:** December 10, 2018

**Confirmation of Acceptance:** December 15, 2018

**Last date for Registration:** December 20, 2018

**Date of Conference:** January 14-20, 2019

## Registration Fee

**Research Scholars:** Rs. 3,000/- . **Faculties & Scientists:** Rs. 4,500/- Registration fee shall cover working lunch, refreshments for duration of workshop, conference kit. For paying registration fee, the participants should transfer/deposit the amount to university account as per following details:

**Name of the Bank:** Canara Bank Dharamshala;

**Account name:** Central University of Himachal Pradesh;

**Account number:** 2062101009593;

**IFSC Number:** CNRB0002062

The details of transaction should be sent via email to [jagdishphysicist@gmail.com](mailto:jagdishphysicist@gmail.com) on or before last date for registration.

**Chief Patron:** Prof. (Dr.) Kuldeep Chand Agnihotri,

*Honorable Vice Chancellor, CUHP, Dharamshala (HP)*

**Patron:** Prof. H. R. Sharma,

*Pro Vice Chancellor, CUHP, Dharamshala (HP)*

**Chairman:** Prof. B. C. Chauhan

*Dean (SOPMS) and Head (DPAS), CUHP, Dharamshala (HP)*

**Co-Chairman:** Dr. O.S.K.S. Sastri

*Professor, DPAS, CUHP, Dharamshala (HP)*

## Resource Persons

- ❖ Prof. Sushil Auluck (Retd. IIT Roorkee)
- ❖ Prof. P. K. Ahluwalia (Retd. HPU Shimla)
- ❖ Dr. Jiji Pulikkotil (NPL, New Delhi)
- ❖ Dr. Ashok Kumar (CU Punjab)
- ❖ Dr. Yogyata Pathania (IISER Mohali)
- ❖ Dr. Arun Kumar (SVGC Ghumarwin)
- ❖ Dr. Munish Sharma (MAU, Solan)
- ❖ Dr. Jagdish Kumar (CUHP)
- ❖ Dr. OSKS Sastri (CUHP)

## Boarding/Lodging

Depending upon availability of funds, we may provide free shared accommodation to participants in nearest hotels/guest houses. However, if we fall short of funds or anyone wants individual accommodation, the participants have to arrange the same at their own expenses. Organisers may provide necessary information and support for the same.

## Total Intake

The maximum number of out stationed participants shall be limited to 30. In case we find large number of requests, the preference will be given to research scholars, young faculty members, who are actively engaged with research in material science. The final decision for selection of a candidate for his/her participation will be of organizing committee.

## Application Procedure

The applicants interested to participate in the workshop should fill the Performa given at the end of this brochure and send it latest by 10<sup>th</sup> December 2018 by email to [jagdishphysicist@gmail.com](mailto:jagdishphysicist@gmail.com)

**For any further details contact:**

**Dr. Jagdish Kumar**, Assistant Professor, DPAS, CUHP,

Email: [jagdishphysicist@gmail.com](mailto:jagdishphysicist@gmail.com);

Mobile: +91-8627871474

**Dr. Rajesh Kumar Singh**, UGC-Assistant Professor, DPAS, CUHP, Dharamshala (HP) Email: [rksbhu@gmail.com](mailto:rksbhu@gmail.com);

Mobile: +91-9451134253

**Website:** [www.cuhimachal.ac.in](http://www.cuhimachal.ac.in)





# In Silico Approach for Modelling New Materials: Methodology & Applications

(January 14-20, 2019)

## About Central University of Himachal Pradesh

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## About Dharamshala

Dharamshala is an international destination Serene Location, pleasant climatic condition, spiritual atmosphere of the location provides an attractive ambience conducive to academic pursuits. Located in the footsteps of perennially white Dhauladhar range of Himalayas, the city of Dharamshala has many magnificent places to visit. A few to mention are: McLeodGanj, the home place of renowned spiritual leader Dalai Lama, International Cricket Stadium, Norbulingka monastery famous for beautiful ambience and Tibetan culture, famous Naddi village offering mesmerizing view of Dhauladhar. An exhaustive list of tourist destination near Dharamshala can be found at <http://www.hill-stations-india.com/dharamshala/>.

## Performa for Application

**Name:** \_\_\_\_\_

**Sex:** Male/Female (To plan and allot accommodation)

**Institution:** \_\_\_\_\_

**Current Occupation:** \_\_\_\_\_

**Educational Qualification:** \_\_\_\_\_

### Contact Information:

**Mobile No.:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Current Research Interests:** \_\_\_\_\_

**Research Experience:** (Here mention briefly about research work you have done and for how much time you have been working/have worked in that field)

**Motivation for attending this workshop:** In not more than 100 words. How you think this workshop will benefit you?

**Have you ever worked in Linux:** Yes/No (This is just to design contents accordingly)

**Have you ever worked on Linux command line:** Yes/No

**Do you require shared accommodation:** Yes/No

**Would you like to share a brief oral presentation your research results: if Yes** (Mention title of your presentation)



## Registration Form

“ Environmental Risk Assessment (ERA) and Food Toxicity ”

(8-9 March 2018)

Name: Prof./ Dr./ Mr./ Ms.: .....

Designation: .....

Organization: .....

Mailing Address : .....

E-mail : .....

Phone: ..... Fax: .....

Accommodation required: Yes / No

Signature

### Convener

**Prof. Deepak Pant**

DEAN

School of Earth and Environmental Sciences  
Central University of Himachal Pradesh,  
DHARAMSHALA, H.P.

### Co-Convener

**Prof. Mushtaq Ahmed**

Department of Environmental Science,  
School of Earth and Environmental Sciences  
Central University of Himachal Pradesh,  
DHARAMSHALA, H.P.

### Organising Secretary

**Dr. Anurag Linda**

**Dr. Ankit Tandon**

Department of Environmental Science,  
School of Earth and Environmental Sciences  
Central University of Himachal Pradesh,  
DHARAMSHALA, H.P.

### Scientific Advisory Committee

**Prof. A K Mahajan**

**Prof. Deepak Pant**

**Prof. Mushtaq Ahmed**

**Dr. Ankit Tandon**

**Dr. Anurag Linda**

**Dr. Dilbaag Singh**

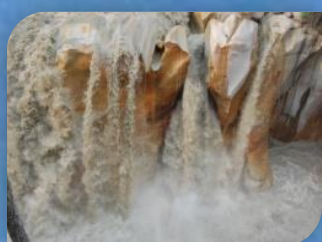
#### Host Institution

**Central University of Himachal Pradesh**

Central University of Himachal Pradesh was established in 2010 under the central University act 1995. The aim of the university is to strive for inclusive access to excellence in higher education and research to emerge as premier institution. The Department of Environmental Science, School of Earth and Environmental Sciences have started M.Sc. in Environmental Science with special emphasis on Physical Sciences and Biological Sciences.

#### About Dharamshala

Dharamshala city is the district headquarters of district Kangra and is located 18 km north of Kangra town. The town Dharamshala is well connected both by road and air from New Delhi and Chandigarh and also by rail from Pathankot. The town is approx. 100 km from Pathankot, approx. 250 km from Chandigarh and approx. 500 km from New Delhi which are well connected from rest of the country. There is regular flight from Delhi by Air India at 0945 Hrs and return flight at 1155 Hrs. The climate during November is pleasant, however a light warm clothing is required. The venue is located approx. 30 km away from Dharamshala on Mandi – Pathankot highway (NH-20) towards Pathankot.



## Workshop Announcement

### “ Environmental Risk Assessment (ERA) and Food Toxicity ” (ERFTA -18)

**Venue**

**Temporary Academic Block  
CUHP, Shahpur**

**Date**

**(8-9 March 2018)**

**Organised by**

**School of Earth and Environmental Sciences (SoEES)  
Central University of Himachal Pradesh  
Dharamshala**

### About the Program

The Department of Environmental Sciences, Central University of Himachal Pradesh, though young, is well known for its research and academic pursuits all over India. For the benefits of society vis-a-vis spreading awareness among the masses on various environmental issues, the Department has been regularly organising Conferences, Workshops, Symposia and Seminars right from its inception in 2011. Continuing the same, the Department shall be organizing a National Workshop on 8-9<sup>th</sup> March, 2018. The workshop will focus on the Environmental Risk Assessment. The prime objective of this event is to bring together experts working on diverse environmental issues across the country to discuss and deliberate as to what have we achieved in the area of environmental risk Assessment and what are the challenges ahead. This workshop shall be serving as a platform for the young students, scholars, and Scientists to learn about the advanced tools/techniques used for addressing the emerging challenges in environmental risk management.

The extensive training to the participants with a scientific background and interest in food and risk assessment will help them to expand their theoretical knowledge and practical skills for environmental risk management.

### Themes:

#### Day 1

**Risk Management**

**Sampling Techniques**

#### Day 2

**Microbiological risk assessment**

**Chemical risk assessment**

**Hand-on Microbiological Risk Assessment (MRA)  
tools and applications**

**Important:** Complete registration form should be sent/e-mailed ([erfta.2018@gmail.com](mailto:erfta.2018@gmail.com)) before 1<sup>st</sup> of March 2018 and will be first come first serve basic .

### Accommodation

Accommodation is available in the Hotels which can be arranged only on advance payment. The city hotel tariffs are from **Rs. 1000 to Rs. 3000**

### Contacts

All correspondence should be addressed to

**Prof. DEEPAK PANT**

Convener, ERFTA- 2018

Dean, School of Earth and Environmental Sciences

Central University of Himachal Pradesh

Temporary Academic Block, Shahpur,

Distt. Kangra- Himachal Pradesh, 176206

Tel: 01892-237385-88 ext 309

Mob: 9816639032



(24 August, 2017)

**Signature**

*24 August, 2017*



### **Vision of the Seminar**

Survival of human being on the planet Earth depends on the sustainable use of available natural resources that further needs continuous emergence of environmental sciences and its transformation to sustainable technologies. Current environmental issues viz. Global Climate Change, Solid Waste Management etc. have compelled us to understand our environment more deeply. Advanced Analytical Techniques have always been enabling environmental scientists to drive their research effectively and to gain more critical insights from their experiments. Technological advancements have always been a continuous phenomenon, and to stay updated, it is important that there is a two way knowledge sharing. To address this objective, a National Seminar on Emerging Trends in Environmental Science and Technology has been envisaged to discuss technological progresses in analytical techniques platforms and to give an overview of application horizon across multidisciplinary research conducted by environmental scientists.

### **Organizing Committee:**

**Dr. Deepak Pant, Dean, SoEES, CUHP**

**Dr. A. K. Mahajan, Professor, SoEES, CUHP**

**Dr. Musthaq Ahmad, Associate Professor, SoEES, CUHP**

**Dr. Ankit Tandon, Assistant Professor, SoEES, CUHP**

**Dr. Anurag Linda, Assistant Professor, SoEES, CUHP**

**Dr. D. S. Rana, Assistant Professor, SoEES, CUHP**

### **Chairman & Convener**

**Dr. Deepak Pant, Dean, SoEES, CUHP**

### **Organizing Secretaries**

**Dr. Ankit Tandon & Dr. Anurag Linda**

### **Registration Fee**

There is no registration fee, however, an advance registration is needed.

### **Abstract**

Interested participants are requested to send an extended abstract of not more than 500 words, comprising of brief introduction of maximum 150 words, methodology of maximum 100 words and important results with conclusions in maximum 200 and 50 words respectively, to the chairman of the seminar before 10<sup>th</sup> August, 2017.

### **Poster**

Participant, whose abstract has been accepted, will present his/her poster. Posters should be of 33" x 42" size with portrait orientation.

### **Calendar of Events**

Deadline for submission of :-

Abstracts & Registration form: **10<sup>th</sup> August, 2017**

Communication of acceptance: **15<sup>th</sup> August, 2017**

Venue: Temporary Academic Block, Central University of Himachal Pradesh, Shahpur, Kangra -176206

### **Accommodation**

Accommodation is available in the Hotels which can be arranged only on advance payment. The city hotel tariffs are from **Rs. 1000** to **Rs. 3000**

### **Contacts**

All correspondence should be addressed to

**Dr. Deepak Pant**

**Chairman & Convener Organizing Committee**

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# Central University of Himachal Pradesh

(Established under Central Universities Act 2009)

TAB, Shahpur Campus, Distt-Kangra-176206, Himachal Pradesh

## *REPORT ON* **FOUNDATION WEEK LECTURE**

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**Department of Library and Information Science**

**Date: January 28, 2022, Friday Time: 11:30 a.m.**

On the occasion of Foundation Week of CUHP Celebrations, online lecture was organized on “**Too Much Information**” by the Department of Library and Information Science (DLIS), CUHP on 28-01-2022 at 11:30 a.m.

**Dr Shashank. S. Sonwane**, Associate Professor from the Department of Library and Information Science, from **Dr B.R. Ambedkar Marathwada University** was the spokesperson for the lecture.

The Head of the department Dr Dimple Patel gave the welcome address and Dr Shivarama Rao introduced the resource person to the audience. Next Prof. Ambrish Kumar Mahajan (Dean Student Welfare) again welcomed the resource person and enlightened the audience with his generous words. He then emphasized the issues regarding the excessive growth in information seen these past years and how it can become troublesome for a user to find an exact information. The resource person gave a presentation where he described the topic comprehensively and explained the concept of Information, types of information, search engines, indexes and abstracts, online databases and its related aspects.

The highlights of the lecture are listed below:

1. He discussed how information explosion can be troubling?

As the amount of available data grows, the problem of managing the information becomes more difficult, which can lead to information overload.

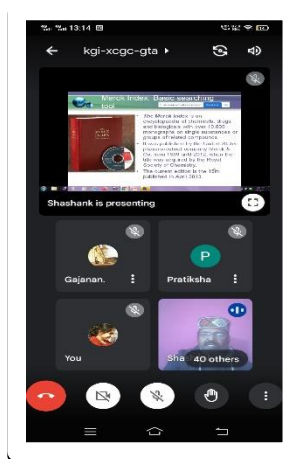
2. Then he described, how Ranganathan has categorized the documents into:

Conventional, Neo-conventional, Non-conventional, and Meta documents

3. He further also discussed Grogan classification of documents which are: primary, secondary and tertiary.

4. Then he explained basic information searching tools like:

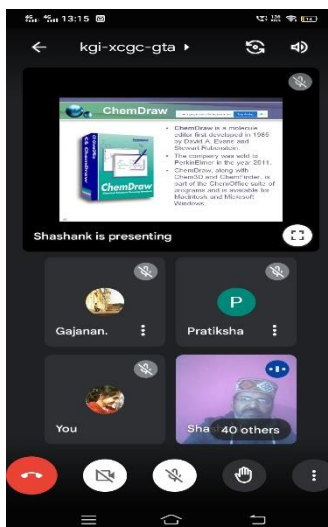
- **Merck Index:** The Merck Index has been regarded as the most authoritative and reliable source of information on chemicals, drugs and biologicals. Now this trusted resource is available online from the Royal Society of Chemistry.



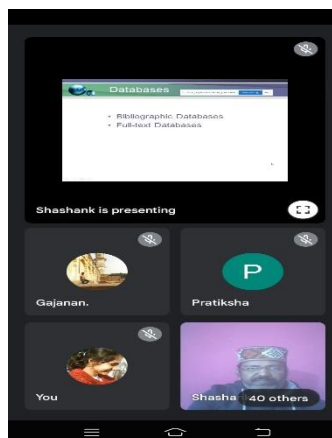
- **Chem Draw:** It is a molecule editor first developed in 1985 by David A. Evans and Stewart Rubenstein. The company was sold to PerkinElmer in the year 2011. Chem



Draw, along with Chem3D and Chem Finder, is part of the Chem Office suite of programs and is available for Macintosh and Microsoft Windows.

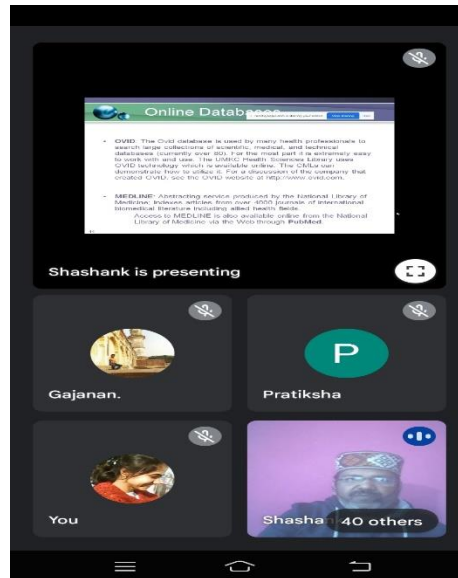


5. He continued his lecture with Databases and its types. he said mainly there are two types of databases **Bibliographic database and full text database.**

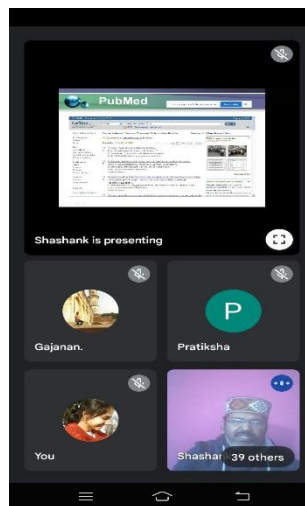


And mentioned some online databases:

- The **Ovid** interface provides access to a range of databases, e-journals and e- books. The databases are particularly useful for identifying journal articles and other publications on a particular topic within the subject areas covered by each database. It is used by health professionals.
- **Medline:** MEDLINE is a bibliographic database of life sciences and biomedical information. It includes bibliographic information for articles from academic journals covering medicine, nursing, pharmacy, dentistry, veterinary medicine, and health care.

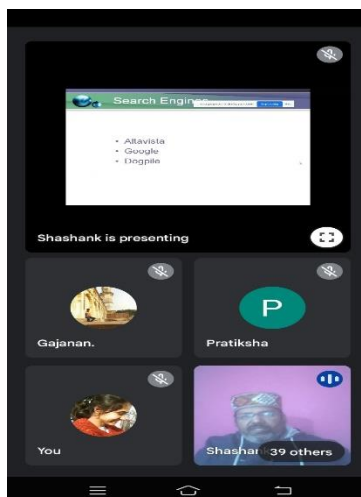


- PubMed:** PubMed was developed and is maintained by the National Centre for Biotechnology Information (NCBI), at the U.S. National Library of Medicine (NLM), located at the National Institutes of Health (NIH). PubMed is a free resource supporting the search and retrieval of biomedical and life sciences literature with the aim of improving health—both globally and personally.

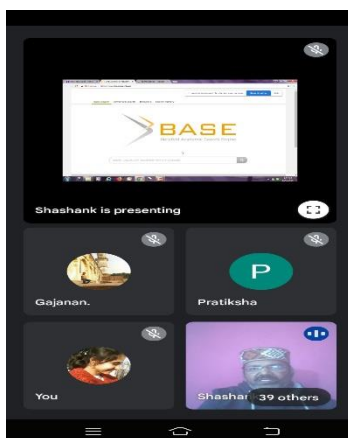


- Next **Dr Sonwane** continued his online interaction with participants on Search Engines few of them which were discussed are mentioned below:
  - Altavista:** AltaVista was a Web search engine established in 1995. It became one of the most-used early search engines, but lost ground to Google and was purchased by Yahoo! in 2003, which retained the brand, but based all AltaVista searches on its own search engine.
  - Google:** Google Search, is a search engine provided by Google. Handling over 3.5 billion searches per day, it has a 92% share of the global search engine market. It is also the most-visited website in the world

- **Dogpile:** Dogpile is a metasearch engine for information on the World Wide Web that fetches results from Google, Yahoo!, Yandex, Bing, and other popular search engines, including those from audio and video content providers such as Yahoo!

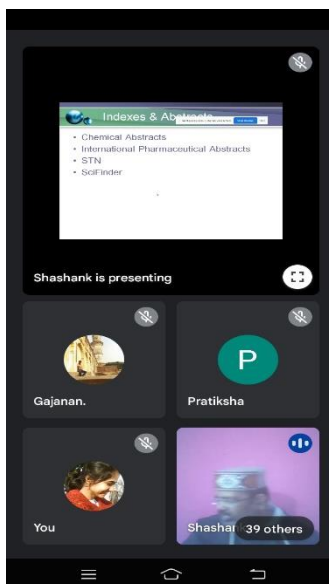


- **BASE:** It is one of the world's most voluminous search engines especially for academic web resources. BASE provides more than 240 million documents from more than 8,000 content providers. You can access the full texts of about 60% of the indexed documents for free (Open Access). BASE is operated by Bielefeld University Library. Includes indexing the metadata of all kinds of academically relevant resources – journals, institutional repositories, digital collections etc. – which provide an OAI interface and use OAI-PMH for providing their contents.

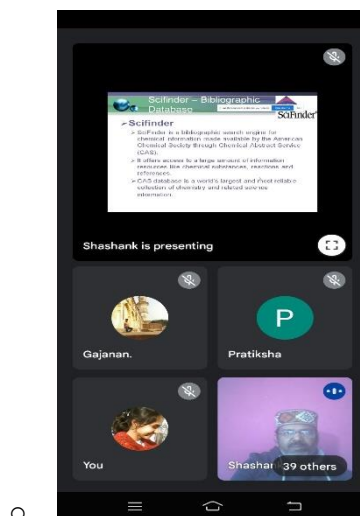


7. Next, he spoke about **Indexes and Abstracts** services like Chemical Abstract services, International Pharmaceutical Abstracts, STN and Sci Finder.

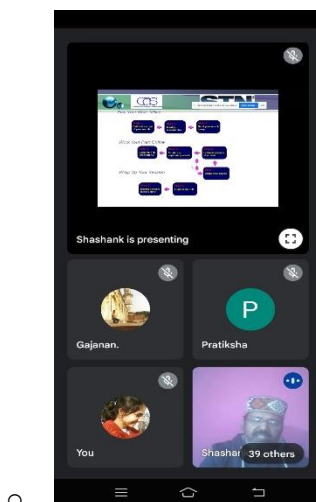




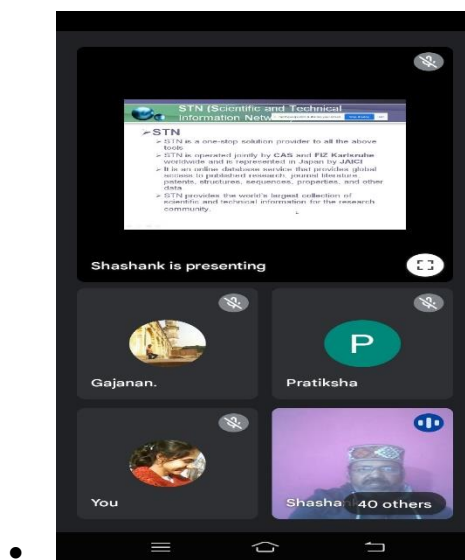
- **Sci Finder:** It is a resource from the Chemical Abstracts Service (CAS), is a curated database of chemical and bibliographic information that covers several scientific and biomedical fields, with an emphasis on chemistry.



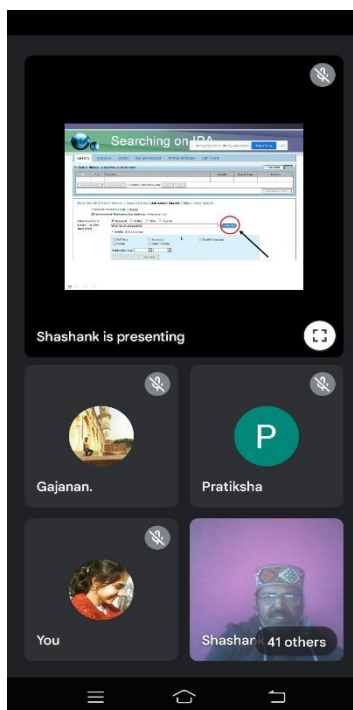
- **CAS:** Founded in 1907 as a volunteer effort to organize published chemistry research, CAS officially became a self-supporting division of the American Chemical Society in 1956.



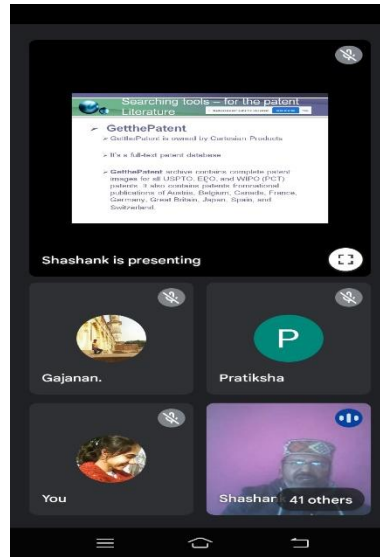
- **STN:** It is the search tool that information professionals and patent experts, including the world's major patent offices, depend on for precision searching and comprehensive, timely and high-quality coverage of scientific and intellectual property information. STN provides access to key science, technology and patent databases and is the premier single source for the world's disclosed scientific and technical research. STN databases can be accessed through STN Express®, STN® on the Web SM and STN Easy®. STN is operated jointly by Chemical Abstracts Service (CAS) in North America and FIZ Karlsruhe in Europe with representation in Japan by Association for International Chemical Information (JAICI).



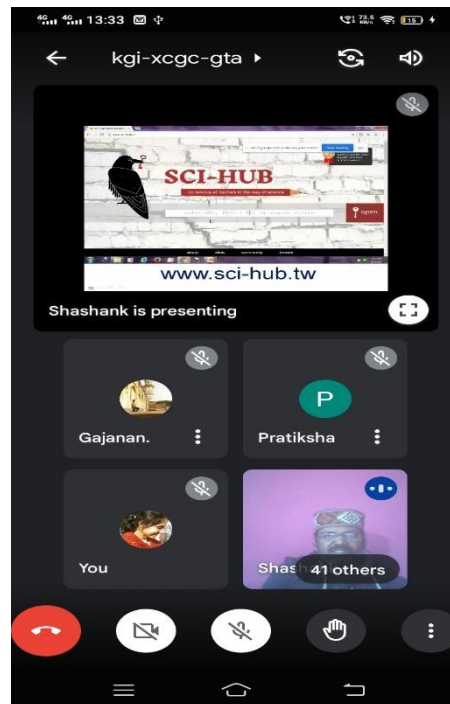
- International Pharmaceutical:** Abstracts is an index of worldwide pharmacology, pharmacy, and health-related drug literature published from 1970 to the present. Citations come from over 800 journals, including all U.S. state pharmacy journals. The resources indexed in this database cover a wide range of drug therapy and pharmaceutical topics, including biopharmaceuticals, pharmacokinetics, drug delivery systems, pharmacist liability, and legal, political, and ethical issues. Abstracts for clinical studies are a highlight of the database, and they include the study design, number of patients, dosage, dosage forms, and dosage schedule.



- The **GetthePatent.com** archive contains complete patent images for all USPTO, EPO, and WIPO (PCT) patents, as well as the national publications of Austria, Belgium, Canada, France, Germany, Great Britain, Japan, Spain, and Switzerland. In addition, the archive contains the full text and bibliographic information for every USPTO patent issued since 1976, as well as all published USPTO patent applications.

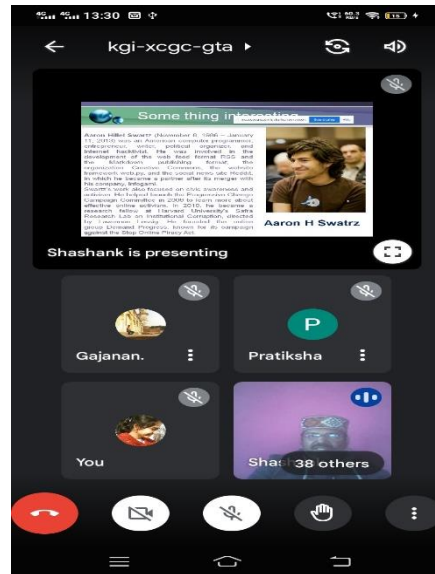


- **Sci-Hub** is a shadow library website that provides free access to millions of research papers and books, without regard to copyright, by bypassing publishers' paywalls in various ways. Sci-Hub was founded by Alexandra Elbakyan in 2011 in Kazakhstan in response to the high cost of research papers behind paywalls.



In the end he briefly mentioned Aaron Hillel Swartz, who was an American computer programmer, entrepreneur, writer, political organizer, and Internet hacktivist.





Then there was an interactive question and answer session following the presentation and the session came to an end with the proposal of vote of thanks by one of the students of Department of Library and Information Science (DLIS), CUHP.

Report prepared by: Sapna (Research Scholar, DLIS) and  
Sakshi Devi (Research Scholar, DLIS).



# Central University of Himachal Pradesh

(Established under Central Universities Act 2009)

TAB, Shahpur Campus, Distt-Kangra-176206, Himachal Pradesh

*REPORT*

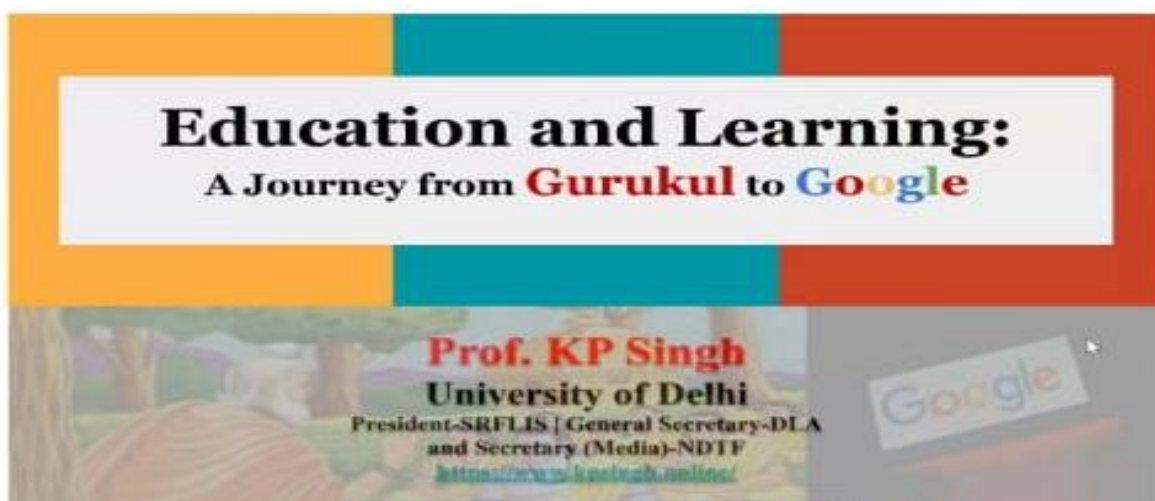
*ON*

## FOUNDATION WEEK LECTURE

JANUARY 29, 2022



**Education and Learning: A Journey from Gurukul to Google**



Organised by

**Department of Library and Information Science**

**Date: January 29, 2022, Saturday    Time: 11:30 AM**

The department of Library and Information Science (DLIS), CUHP had organized Online Lecture on "**Education and Learning: A Journey from Gurukul to Google**" on the occasion of Foundation Week of CUHP on 29/01/2022 at 11:30 AM.

**Prof. KP Singh from the Department of Library and Information Science, Delhi University**, was the Speaker of the Lecture.

The online session started with the welcome address given by Dr Dimple Patel (Head, DLIS, CUHP). She briefed all the participants about the online lecture and Prof. Vishal Sood (Registrar, CUHP) enlightened the audience with the need for online education, especially in the present pandemic scenario. And Dr Shivarama Rao K (Associate Professor, DLIS, CUHP) shared the brief profile of the Speaker to the participants.

Prof. KP Singh started the session by remembering all the faculty, staff, and students who had contributed to the establishment of CUHP and DLIS. He had also paid tribute to the Late Prof. Inder Vir Malhan, who had taken the department to new heights.

Prof. KP Singh gave an eye-opening Lecture on "Education and Learning: A Journey from Gurukul to Google". He distinguished the concept of education and learning.

He discussed the **trinity of Knowledge**, also known as *Jnana*. And said it comprises of three main components which are:

- Intelligent (Dhi);
- Values (Dharma);
- Dexterity (Daksha).

And also mentioned the **core components of Value Education** which are

- Creativity,
- Collaborative and Experiential Learning,
- Diversity & Inclusion,
- Entrepreneurship and Excellence,
- Ethical Conduct,
- Global Citizenship,
- Innovation, and
- Social Responsibility.

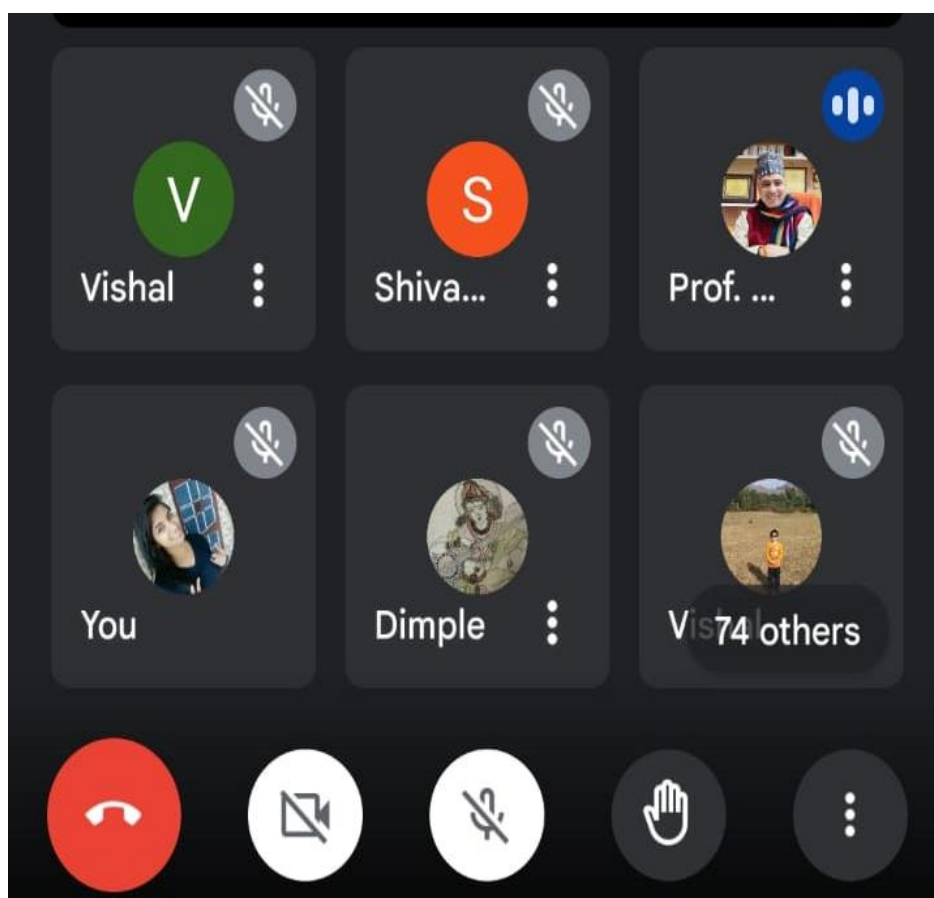
Which he later discussed briefly in his session.

He also explained **the Gurukul Training Methodology and Present Education System** and discussed various education commissions of India implemented during pre- and post-independence and emphasized especially on National Education Policy-2020.

Later, he talked about the **use of Google in education** and discussed various Google Apps useful in the education system such as Google Classroom, Google Drive, Google Meet, Google Scholar, etc.

He concluded his lecture with detailed discussion on Challenges in Higher Education and Academic Research. And also discussed various dimensions of education, ethics, employability sustainability etc. in his lecture.

Many students, research scholars, and faculties of different departments participated in this session. And the programme came to an end with the proposal of vote of thanks by Ms. Akanksha Parmar (Research Scholar, DLIS, CUHP).







Report prepared by : Priya (Research scholar,DLIS) and  
Sakshi Devi (Research scholar,DLIS)



# Central University of Himachal Pradesh

## Udbhav Kendra and Institute Innovation Council

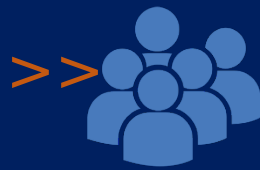
Presents

# Hackathon 2022

29 & 30 -Jan-2022



**Brainstorm**



**Team  
Formation**



**Prototype  
Creation**



**Demo &  
Hackathon**

## Themes:

First Prize : Rs 10,000 + Trophy + Certificate

Second Prize : Rs 5,000 + Certificate

Third Prize : Rs 3,000 + Certificate

Participants selected for the final have to come to Dharamsala at their own expenses

Planning for online participation as well for participants from outside Himachal Pradesh

**E-commerce Portal**



**Knowledge Base Portal**



**Student Assessment Portal**



<https://chat.whatsapp.com/F3gDRvZAM7XDn1uIsbAnRA>

<https://forms.gle/ewLym2UcHoPwZXeu7>

### Important Dates:

Registration Deadline: 25-Dec-2021

Prototype Submission: 15-Jan -2022

Demo Day: 29-Jan-2022

Hackathon Day (Live Challenge): 30-Jan-2022

### Important Info:

A team can consist of max 4 members.

Nominations to be sent to [sastri.osks@hpcu.ac.in](mailto:sastri.osks@hpcu.ac.in)

Detailed guidelines for preparation of prototype will be provided after registration.



# Theoretical Aspects of Nuclear Physics

Online International Conference

Februaury 15-20, 2021

Organised by

Department of Physics and Astronomical Sciences (DPAS)

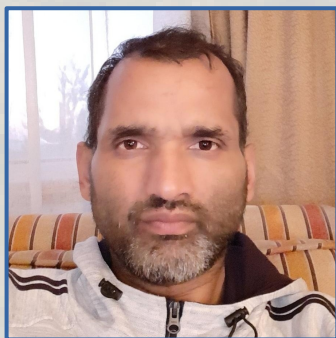
School of Physical & Material Sciences (SoPMS)

Central University of Himachal Pradesh (CUHP),

Dharamsala, District Kangra, H.P. Bharat

**Patron**

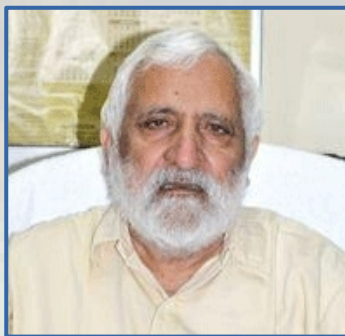
Prof. Hum Chand



Dean and Head  
SoPMS, DPAS  
CUHP

**Chief Patron**

Prof. K.C. Agnihotri



Hon. Vice-Chancellor  
Central Univ of H.P.

**Patron**

Prof. A. K. Mahajan



TAB Co-ordinator  
Dean and Head  
SEES, CUHP

**Organising Secretary**

Dr. S. K. Soni



Associate Professor  
Govt College, D'Sala

**Convenor**

Prof. O.S.K.S. Sastri



DPAS, CUHP

**Organising Secretary**

Dr. D. S. Verma



Assistant Professor  
DPAS, CUHP

## Important Deadlines:

**Paper Submission:**

20<sup>th</sup> January, 2021

**Symposium website:** [www.cuhp.saivya.in/tanp2021](http://www.cuhp.saivya.in/tanp2021)

Peer reviewed papers to be published in a special issue of  
Journal of Nuclear physics, material science, radiation and applications  
as Conference Proceedings of Theoretical Aspects of Nuclear Physics





# Theoretical Aspects of Nuclear Physics

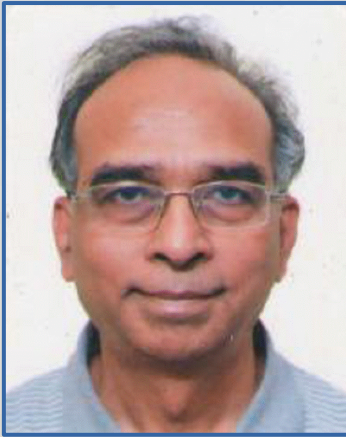
Online International Conference

Day 1: February 15, 2021

Inaugural Session

## Inaugural Address

**Prof. A.K. Jain**



**Sr. Professor  
IIT, Roorkee**

Honorary Professor  
Amity Institute of  
Nuclear Science and  
Technology, Bharat

## Benedictory Address

**Prof. P. C. Sood**



**Legendary Nuclear  
Scientist of Bharat**

Sri Sathya Sai Institute  
Of Higher Learning  
Prasanthi Nilayam  
Puttaparthi, A.P. Bharat

## Keynote Address

**Dr. C. Rangacharyulu**



**Professor of Physics  
Univ of Saskatchewan  
Canada**

## Session 1: Nuclear Reactions

**Correlation between  
elliptical flow and  
nuclear stopping in  
Heavy Ion Nuclear  
Reactions**

**Dr. Suneel Kumar**



**Associate Professor  
CU Harayana**

**Ternary fission  
fragment mass  
distribution**

**Prof. M. Balasubramaniam**



**Bharathiar University  
Tamil Nadu**

**Nucleon-Nucleon,  
Nucleon-Nucleus  
and Nucleus-  
Nucleus Elastic  
Scattering**

**Dr. Jasekethan Bhoi**



**Assistant Professor  
Veer Surender Sai  
University, Odisha**





# Theoretical Aspects of Nuclear Physics

Online International Conference

Day 2 & 3: Febraury 16-17, 2021

## Session 2: Nuclear Structure

**Nuclear structure studies in the vicinity of  $N=Z=50$  shell closure**

**Dr. Samar Sihotra**



Associate Professor  
Punjab University

**Exceptional Structures in Odd-Odd Heavy Weight Nuclei in the  $A = 250$  Region**

**Prof. M. Sainath**



Dean, ICFAI, Hyderabad  
Andhra Pradesh

**Identification and characterization of Long Lived Isomers in the doubly odd rare earth nuclei**

**Dr. Gowri Shankar**



Associate Professor  
SSSIHL, Puttaparthi, A.P.

## Session 3: Hadron Physics

**Texture One Zero Model based on  $A_4$  Flavor Symmetry and its implications to Neutrinoless Double Beta Decay**

**Prof. B.C. Chauhan**



DPAS, CUHP  
Visiting Associate, IUCAA

**Phenomenology of Heavy Flavour Hadron Decays**

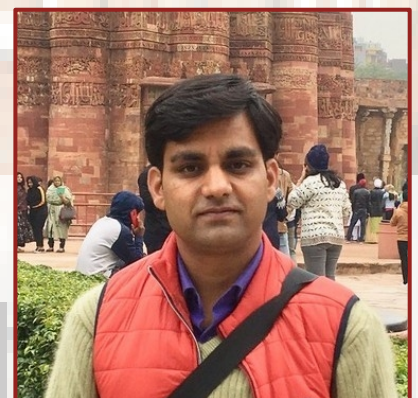
**Prof. R.C. Verma**



Professor Emiretus  
Patiala University

**On  $A_4$  Flavor model Neutrino mass and Baryon asymmetry**

**Dr. Surender Verma**



Assistant Professor  
DPAS, CUHP



# Theoretical Aspects of Nuclear Physics

Online International Conference

Day 4 & 5: Febraury 18-19, 2021

## Session 4: Nuclear Structure

**A Detailed Study of  
Nuclear Structure  
Properties of Odd  
Mass Cadmium**

**Nuclei in  $50 < N < 82$**

**Dr. Suram Singh**



Associate Professor  
Central University of  
Jammu

**Compact Stars  
and their  
Tidal Deformity**

**Prof. S. K. Dhiman**



H.P. University  
Shimla

**Interplay of nucleon  
orbitals in nuclear  
structure: coupling  
schemes and band-  
crossing of dipole  
bands**

**Dr. Suresh Kumar**



Assistant Professor  
University of Delhi

## Session 5: Nuclear Structure

**Preformation  
factors in  $^{14}\text{C}$  -  
cluster Decay of  
Radioactive  
nucleus  $^{223}\text{Ra}$**

**Dr. S.K. Soni**



Associate Professor  
Govt. College, D'Sala

**Selection Rules for  
Beta Transitions  
in Heavy Deformed  
Nuclei**

**Prof. O.S.K.S. Sastri**



DPAS, CUHP  
Visiting Associate, IUAC

**Internal Conversion  
Coefficients (ICCs)  
and their Relevance to  
Nuclear Structure  
Studies**

**Dr. K. Vijay Sai**



Associate Professor  
Sri Sathya Sai Institute of  
Higher Learning





# Theoretical Aspects of Nuclear Physics

Online International Conference

Day 6: February 20, 2021

## Session 6: Nuclear Reactions

**Effect of deformations in the nuclear fusion reactions**

**Dr. Raj Kumar**



Assistant Professor  
Thapar Institute of Engg. and Tech., Patiala

**Synthesis of superheavy nuclei and associated stability aspects**

**Prof. Manoj Sharma**



Thapar Institute of Engg. and Tech, Patiala

**Fission Partition: A Reflection of Shell Closures**

**Dr. Dalip S Verma**



Assistant Professor  
DPAS, CUHP

## Valedictory Session

**Keynote Speaker**  
**Nuclear structure phenomena at high spin using gamma spectroscopy**

**Dr. S. Muralithar**



Scientist H  
Inter University  
Accelerator Center,  
New Delhi

**Valedictory Address**

**Low energy Nuclear Physics using e-gamma spectroscopy**

**Prof. K. Venkatramaniah**



Sri Sathya Sai  
Institute of Higher Learning  
Alexander von Humboldt  
Fellow, GSI, Darmstadt,  
Germany

**Open Access Journals and Research Trends Exploration: Today's Researchers Need & Tomorrow's Challenges**

**Prof. Sushil Kumar**



Editor  
J. Nucl. Phy. Mat. Sci.  
Rad. A Chitkara  
University, Chandigarh



# अन्तर्राष्ट्रीय योग दिवस 21 जून 2017 और 2016/2015

अन्तर्राष्ट्रीय योग दिवस के दौरान हि०प्र० केन्द्रीय विश्वविद्यालय में करवाए गए क्रियाकलाप:-

## अन्तर्राष्ट्रीय योग दिवस 2017 की गतिविधियां

- दो दिवसीय योग-उत्सव 8,9 जून को आर्ट ऑफ लिविंग के सहयोग से मनाया गया।
- योग दिवस की तैयारियों के लिए हि०प्र० केन्द्रीय विश्वविद्यालय द्वारा स्थापित योग-धारा क्लब तथा उन्नत भारत अभियान प्रकोष्ठ की कई बैठकें हुईं और विभिन्न कार्य समितियां बनाई गईं।
- विश्वविद्यालय द्वारा अंगीकृत गांवों के लोगों के सहयोग से यह कार्यक्रम गांव में ही मनाया गया ।
- योग दिवस का संचालन योगाचार्य प्रो० गणेश दत्त शर्मा पतंजलि योग पीठ हरिद्वार द्वारा किया गया।



## हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय

### अन्तर्राष्ट्रीय योग दिवस (बुधवार) 21 जून, 2017

### ॥ निमंत्रण ॥



योग केवल मात्र एक शब्द नहीं, अपितु हमारे शरीर, मन और आत्मा के बीच समन्वय स्थापित करने का सामर्थ्य रखता है। इसके निरन्तर अभ्यास करने से मनुष्य की आलोकिक शक्तियाँ जागृत होने लगती हैं।

**योग शिक्षक:- प्रो० गणेश दत्त शर्मा, पतंजलि योगपीठ हरिद्वार**

स्थान :- सात्विक मैरेज पैलेस, नजदीक एच.डी.एफ.सी. बैंक, दममण

समय:- प्रातः 07:00 बजे से 09:00 बजे तक

आप सभी इस कार्यक्रम में आकर स्वास्थ्य लाभ प्राप्त करने हेतु सादर आमंत्रित हैं।

**“करो योग रहो निरोध”**

आरोग्य में आत्म निर्भर बनें, दवाओं की बैसाखियों के सहारे जीना छोड़ें।  
याद रखें - हमारे भीतर ही सब रोगों का समाधान है।

आयोजक:- योग धारा क्लब व उन्नत भारत अभियान, हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय, धर्मशाला





वीडियो देखने के लिये यहां क्लिक करें : [https://youtu.be/KUK2yVTA7\\_E](https://youtu.be/KUK2yVTA7_E)



## अन्तर्राष्ट्रीय योग दिवस 2016 की गतिविधियां

योग दिवस 2016 में हि०प्र० केन्द्रीय विश्वविद्यालय में तीन प्रकार के कार्यक्रम मनाए गए।

- योग उत्सव 3,4 मई 2016
- योग व आयुर्वेद पर व्याख्यान
- योग दिवस 21 इस कार्यक्रम में विश्वविद्यालय के प्राध्यापक, छात्र छात्राएं तथा गांव के लोगों ने भाग लिया।



## अन्तर्राष्ट्रीय योग दिवस 2015 गतिविधियां

प्रथम अन्तर्राष्ट्रीय योग दिवस 2015 का कार्यक्रम विश्वविद्यालय परिसर में ही मनाया गया, इसमें विश्वविद्यालय के प्राध्यापक, छात्र एवं छात्राओं तथा साथ में गांव के लोगों ने भाग लिया।






## DEPARTMENT OF PLANT SCIENCES

### List of Webinar/ Conference / Workshop (Session 2017-2022)

S. No.	Name of the Programme	Name of external expert	Date & Time	Number of Participants
1.	Online Webinar on “Genome-wide changes under Microgravity” at School of Life Science, CUHP	<b>Dr. Albert Premkumar</b> Scientist, Department of Scientist Department of Molecular Biology & Genetics Istanbul University, Istanbul, TURKEY	<b>15<sup>th</sup> May 2020</b>	Online
2.	Online National Conference on “Environmental Pollutants and Cancer “ at School of Life Science, CUHP	<b>Dr. Vijay Kumar Bharti</b> Senior Scientist, D.R.D.O, (DIHAR), Chandigarh. <b>Dr. Arun Kumar</b> Senior Scientist, Mahavir Cancer Institute and Research Center, Patna. <b>Dr. Neel Mani</b> Associate Professor, Amity Institute of Information Technology, New Delhi. <b>Dr. Kumardeep Chaudhary</b> Post Doctoral Fellow, Ichan School of Medicine at Mount Sinai, New York City, USA.	<b>20<sup>th</sup> May 2020</b> Session I  Session II  <b>21<sup>st</sup> May 2020</b> Session III  Session IV	Online
3.	Online International webinar on “Innovation in Crop improvement under changing climate conditions at School of Life Science, CUHP	<b>Prof. Kadambot Siddique</b> Hackett Professor of Agriculture Chair and Director, Institute of Agriculture The University of Western Australia, Australia. <b>Dr. Salej Sood</b> Scientist Sr. Scale, ICAR Potato Research Institute, Shimla. <b>Prof. Hong Zhang</b> Department of Biological Sciences, Texas Tech University, USA	<b>28<sup>th</sup> May 2020</b> Session I  Session II  Session III	Online
4.	Online webinar on “Women in Science, Education and Research “ on topic “From a Biology Researcher to an Academic	<b>Dr. Anjana Munshi</b> Dean Research , School of Health Sciences, Central University of Punjab	<b>24<sup>th</sup> February 2021</b>	Online

	Administrator “ at School of Life Science, CUHP			
5.	Special Lecture on “ Mushroom Cultivation – A Consensus or Corundum”	<b>Dr. Sunil Dutt</b> , MD, Dhauladhar Mushroom Bhawan, H.P	<b>15<sup>th</sup> November 2021</b>	90
6.	Seminar on “ Native Wild Ornamentals of Himalayas”	<b>Dr. M.R. Dhiman</b> , Principal Scientist, Indian Agricultural Research institute- Katrain- Kullu (HP)	<b>7<sup>th</sup> March 2022</b>	62
7.	Seminar on “ Disease Management in Rice and Wheat”	<b>Dr.Sachin Upmanyu</b> , Senior Scientist, Rice and Wheat Research Centre- Malan, Distt.- Kangra (HP).	<b>8<sup>th</sup> March 2022</b>	79
8.	Seminar on “ Wild Edible of North Western Himalayan Region”	<b>Dr. Tara Sen Thakur</b> , Assistant Professor, Department of Botany Sardar Vallabhbhai Patel Cluster University-Mandi (HP).	<b>9<sup>th</sup> March 2022</b>	74
9.	Seminar on “ Advances in Hybrid Seed Production of Vegetable Crops”	<b>Dr. Santosh Kumari</b> , Senior Scientist, College of Horticulture and Forestry, Neri Hamirpur, Himachal Pradesh, - 177001	<b>10<sup>th</sup> March 2022</b>	66

  
 विभागाध्यक्ष, वनस्पति विज्ञान विभाग  
 Head, Department of Plant Science  
 हिमाचल प्रदेश विश्वविद्यालय  
 Central University of Himachal Pradesh  
 अस्थायी शैक्षणिक खण्ड/Temporary Academic Block  
 शाहपुर, कांगड़ा (हि.प्र.) Shahpur, Kangra (H.P.)-178208



संरक्षक  
कार्यपातक समिति

प्रो० (डॉ.) कुतदीप चन्द अग्रहोत्री  
(माननीय कुतपति)

: प्रो० डॉ. प्रदीप कुमार कुमार  
: डॉ. सुनील कुमार  
: डॉ. महेश कुहरिया

आयोजक समिति

संयोजक : डॉ. दिव्या वी. नायर

सदस्य : डॉ. कृषि ठाकुर

: डॉ. मुनीष शर्मा

: डॉ. अश्वन चौधरी

: डॉ. रोतेंदर कुमार वर्मा

: डॉ. विक्रम सिंह

: डॉ. रंजीत कुमार

: डॉ. राकेश कुमार

: डॉ. तरकेश्वर

जैविक विज्ञान स्कूल  
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
अस्थायी शैक्षणिक खण्ड, शाहपुर

आपको ईमेल के लिए सादर आमंत्रित किया जाता है

विषय : "जीनोम-वाइड जेनस अंडर मइकोप्रेविटी"  
ज्ञानसाधन व्यक्ति

डॉ. अर्चुन प्रेमकुमार

वैज्ञानिक  
डिपार्टमेंट ऑफ मोनोक्लोनल एंटीबॉडी एंड सेन्ट्रल  
इन्स्टीट्यूट ऑफ विज्ञान, इन्स्टीट्यूट, राको

दिनांक : 15 / 05 / 2020

समय : 2.30 - 3.30 pm IST

प्रतिक्रिया के लिए त्वरित प्रतिक्रिया करें:

<mailto:divyanair013@yahoo.com>

प्रतिभागियों को ई-सर्टिफिकेट प्रदान किया जाएगा

संयोजक

डॉ. दिव्या वी. नायर - [divyanair013@yahoo.com](mailto:divyanair013@yahoo.com)

विभागाध्यक्ष, वनस्पति विज्ञान विभाग  
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Central University of Himachal Pradesh  
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शाहपुर, कांगड़ा (हि.प्र.) Shahpur, Kangra (H.P.)-176206





# Online National Conference on Environmental Pollutants and Cancer

(ऑनलाइन राष्ट्रीय सम्मेलन विषय पर्यावरण प्रदूषक और कैंसर)

(Date: 20.05.2020 and 21.05.2020)



## संरक्षक:

प्रो. (डॉ.) कुलदीप चंद अग्निहोत्री  
(माननीय कुलपति)

## कार्यकारी समिति:

प्रो. (डॉ.) प्रदीप कुमार  
प्रो. (डॉ.) महेश कुल्हरिया

संयोजक: प्रो. (डॉ.) सुनील कुमार  
सह-संयोजक: डॉ. खंडित कुमार

सदस्य: डॉ. रमेश कुमार  
डॉ. वारकेश्वर  
डॉ. शैलेंद्र कुमार वर्मा  
डॉ. विक्रम सिंह  
डॉ. मुनीश शर्मा  
डॉ. दिव्या वी नयर  
डॉ. अश्वि ठाकुर  
डॉ. अश्विन चौधरी

## संपर्क विवरण:

sunilbcs@gmail.com/ranitcuhp@gmail.com  
Mobile: 9418050067 / 7004842921

## Organized by

School of Life Sciences,  
Central University of Himachal Pradesh,  
Temporary Academic Block,  
Shahpur, Dist. Kangra, H.P.

## आयोजन-कर्ता

जैविक विज्ञान स्कूल,  
केंद्रीय विश्वविद्यालय हिमाचल प्रदेश,  
अस्थायी शैक्षणिक ब्लॉक, शाहपुर,  
जिला: कांगड़ा, हि. प्र.

## Programme (कार्यक्रम)

Date: 20.05.2020

Welcome address: 3.00 PM - 3.20 PM

(Honorable V.C.: Prof. (Dr.) Kuldeep Chand Agnihotri)

Session-I: 3.20 PM - 4.00 PM

Session-II: 4.20 PM - 5.00 PM

Date: 21.05.2020

Session-III: 3.00 PM - 3.40 PM

Session-IV: 4.00 PM - 4.40 PM

Vote of Thanks: 4.40 PM - 5.00 PM

(Dean School of Life Science: Prof. (Dr.) Pardeep Kumar)

E-certificate will be provided to all participants

(Only 100 Participants are registered on first come first serve basis)

Link for Registration: <https://docs.google.com/forms/d/1uYtHhRk4244UP2wYwVQn7pK4G0G0Yk2z/edit>

## Resource Person

Session-I: Dr. Vijay Kumar Bhatti  
Senior Scientist, D.R.D.O. (DIHAR), Chandigarh  
Topic: High mountain Water Quality and Health

Session-II: Dr. Arun Kumar  
Senior Scientist  
Mahavir Cancer Institute and Research Centre,  
Patna  
Topic: Environmental pollution and Cancer

Session-III: Dr. Neel Mani  
Associate Professor, Amity Institute of  
Information Technology, New Delhi  
Ph.D & P.D.F. from Dublin University, Ireland, U.K.  
Topic: Artificial technology and futuristic  
Technologies in Health Care

Session-IV: Dr. Kumardeep Chaudhary  
Post Doctoral fellow, Ichan School of Medicine at  
Mount Sinai, New York City, U.S.A  
Topic: Role of Machine learning in Translational  
Therapeutic Peptide Informatics.

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शाहपुर, कांगड़ा (हि. प्र.)/Shahpur, Kangra (H.P.)-176208



# International Webinar "Innovation in Crop Improvement Under Changing Climatic Conditions"



SCHOOL OF LIFE SCIENCES  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH

Patron : Prof. Kuldip Chand Agnihotri  
(Hon. Vice Chancellor)

## Executive Committee

: Dr. Sunil Kumar  
(Head of the Department, Department of Animal Sciences)

: Dr. Mahesh Kulharia  
(Director, Centre for Computational Biology  
and Bioinformatics)

## Organizing Committee

Convener : Prof. Pardeep Kumar  
(Dean, School of Life Sciences)

Co-convener : Dr. Divya V. Nair

## Members

: Dr. Rishi Thakur  
: Dr. Munish Sharma  
: Dr. Ashun Chaudhary  
: Dr. Shailender Kumar Verma  
: Dr. Vikram Singh  
: Dr. Ranjith Kumar  
: Dr. Rakesh Kumar  
: Dr. Tarkeshwar



Session I - 26/05/2020, 2pm - 3pm

Prof. Mamot Siddique  
(Assistant Professor of Agriculture Chair and Director  
University of Western Australia)

Topic - "Innovations in adaptation to climate change in dry land  
agriculture"

Session II - 28/05/2020, 3pm - 4pm

Dr. Salej Sood

(Scientist Sr. Scale, ICAR Potato Research Institute, Shimla)

Topic - "Genomic Selection and Prediction"

Session III - 28/05/2020, 4pm - 5pm

Prof. Hong Zhang

(Department of Biological Sciences, Texas Tech University, USA)

Topic - "More Plants More Options for Improving Crops"

For Registration Click the link:- [https://docs.google.com/forms/d/1WNFvUcw11GZnXQ89emPnN-xi-WODvYbaodTCh\\_fmW/edit](https://docs.google.com/forms/d/1WNFvUcw11GZnXQ89emPnN-xi-WODvYbaodTCh_fmW/edit)  
Contact - Dr. Divya V. Nair ( [divyanaircuhp@gmail.com](mailto:divyanaircuhp@gmail.com) )

विभागाध्यक्ष, वनस्पति विज्ञान विभाग  
Head, Department of Plant Sciences  
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
अस्थायी शैक्षणिक ब्लॉक/Temporary Academic Block  
शाहपुर, कांगड़ा (हि.प्र.)/Shahpur, Kangra (H.P.)-176206

# Webinar Women in Science, Education and Research

LIFE SCIENCES  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH

24<sup>th</sup> February 2021



Keynote Address : (11.15 am – 11.55 am)

“From a Biology Researcher to an Academic Administrator”

by

**Dr. Anjana Munshi**

Dean Research  
School of Health Sciences  
Central University of Punjab



Welcome : (11.00 am - 11.10 am)

**Prof. Pardeep Kumar**  
(Dean, School of Life Sciences  
Central University of Himachal Pradesh)



Felicitation : (11.10 am - 11.15 am)

**Dr. Sunil Kumar**  
(Associate Professor & Head of the Department  
Department of Animal Sciences  
Central University of Himachal Pradesh)



Organizing Committee

Convener : Dr. Divya V. Nair

Members

: Dr. Munish Sharma  
: Dr. Ashun Chaudhary  
: Dr. Shailender Kumar Verma  
: Dr. Vikram Singh  
: Dr. Ranjith Kumar  
: Dr. Rakesh Kumar

विभागाध्यक्ष, वनस्पति विज्ञान शिक्षण  
Head, Department of Plant Sciences  
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शाहपुर, कांगड़ा (हि.प्र.)-178206

Vote of Thanks : (11.55 am - 12.00 pm)

**Dr. Mahesh Kulharia**  
(Associate Professor & Director  
Centre for Computational Biology & Bioinformatics  
Central University of Himachal Pradesh)



**Notice**

All students, RD scholars and faculty members of Department of Plant Sciences are directed to attend a special lecture on "Mushroom Cultivation – A Consensus or Corundum" on 15<sup>th</sup> November 2021 at 10:30 Am in the Seminar Hall, Shahpur Campus, CUHP.

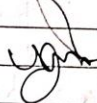


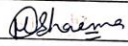
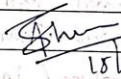
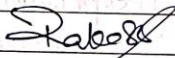
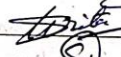


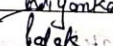







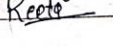

  
Head  
Department of Plant Science

विभागाध्यक्ष, वनस्पति विज्ञान विभाग  
Head, Department of Plant Science  
विभागाध्यक्ष, वनस्पति विज्ञान विभाग  
Head, Department of Plant Science  
Central University of Himachal Pradesh  
Shahpur Campus, Temporary Academic Block  
Shahpur, Distt. Kangra (HP)-176206



Special lecture on "Mushroom Cultivation - A Consensus or Corundum" on 15<sup>th</sup> November 2021 by Mr. Sunil Dutt, M.D., Shauladhar Mushroom Bhawan, H.P. at 10:30 AM in the Seminar Hall of Shahpur Campus.

Attendance of faculty members & students who are attend the lecture:

Name	Signature
1. Mr. Pardeep Kumar	
2. Mr. Sunil Dutt (Guest faculty/speaker)	
3. Mr. Divya V. Nair	
4. Mr. Munish Sharma	
5. Mr. Ashutosh Choudhary	
6. Dr. Rakesh Kumar	
7. Sarita Devi	
8. Shubham Thakur	
9. Sauneet Kumar Sohal (M.Sc. Zoology)	
10. Priyanka (M.Sc. Zoology)	
11. Palak (M.Sc. Zoology)	
12. Vineeta Kaundal (M.Sc. Botany)	
12. Purnima Sharma (RD Scholar, Plant Sciences)	
14. Leena Thakur (RD Scholar, Plant Sciences)	
15. Neha Gulati (RD Scholar, Plant Sciences)	
16. Shilpa (RD Scholar, Plant Sciences)	
17. Kirli (RD Scholar, Plant Sciences)	
18. Nancy Kapoor (M.Sc. Botany)	
19. Reeta Devi (M.Sc. Botany)	

विभागाध्यक्ष, वनस्पति विज्ञान विभाग  
Head, Department of Plant Science  
हिमाचल प्रदेश विश्वविद्यालय  
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शाहपुर, कांगड़ा (हि.प्र.) Shahpur, Kangra (H.P.)-178208



20.	Aniruddh Jaswal (M.Sc. Zoology)	Aniruddh Jaswal
21.	Paurav Damodari (M.Sc. Zoology)	Paurav
22.	Ishika (M.Sc. Zoology)	Ishika
23.	Sapna Thakur (M.Sc. Zoology)	Sapna
24.	Sunilhi Sharma (M.Sc. Zoology)	Sunilhi
25.	Diksha (M.Sc. Plant Sciences)	Diksha
26.	Anchal (M.Sc. Plant Sciences)	Anchal
27.	Swati Sharma (M.Sc. Plant Science)	Swati
28.	Samrati Gautam (M.Sc. Plant Science)	Samrati Gautam
29.	Neelam Kumari (M.Sc. Plant Science)	Neelam
30.	Namrata (M.Sc. Plant Sciences)	Namrata
31.	Pooja Thakur (M.Sc. Plant Sciences)	Pooja Thakur
32.	Diksha (M.Sc. Plant Sciences)	Diksha
33.	Pallavi (M.Sc. Plant Sciences)	Pallavi
34.	Manisha (M.Sc. Zoology)	Manisha
35.	Komal Bhatia (M.Sc. Zoology)	Komal Bhatia
36.	Pooja Kumar (M.Sc. Zoology)	Pooja
37.	Pushpa Guleria (RD Scholar)	Pushpa
38.	Maneesha Devi (RD Scholar Plant Sciences)	Maneesha
39.	Arpit Pathania (M.Sc. Plant Science)	Arpit Pathania
40.	Rahul Thakur (M.Sc. Plant Science)	Rahul
41.	Apurva Anand (M.Sc. Plant Science)	Apurva
42.	Ankit (M.Sc. Zoology)	Ankit
43.	Aarti (M.Sc. Zoology)	Aarti
44.	Shilpa (M.Sc. Zoology)	Shilpa
45.	Meenakshi (M.Sc. Zoology)	Meenakshi
46.	Pammi Devi (M.Sc. Zoology)	Pammi Devi
47.	Kajal Parihar (M.Sc. Botany)	Kajal
48.	Aditi Gupta (M.Sc. Botany)	Aditi
49.	Shivani (M.Sc. Plant Science)	Shivani
50.	Nikita (M.Sc. Plant Science)	Nikita
51.	Ramandeep (M.Sc. Plant Science)	Ramandeep

*[Signature]*

विभागाध्यक्ष, वनस्पति विज्ञान विभाग  
Head, Department of Plant Sciences  
हिमाचल प्रदेश विश्वविद्यालय  
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शाहपुर, कांगड़ा (हि.प्र.) Shahpur, Kangra (H.P.)-178208

52.	Mujibur Rahman (M.Sc. bioimporatus)	Mujibur
53.	Jagdish choudhary msc plant science	Jagdish
54.	AKASH MSc Plant Sciences	Akash
55.	Kavita Devi (Msc Plant science)	Kavita
56.	Sonia Yadav (Msc Plant Science)	Sonia
57.	Kiran Thakur (Msc. Plant Science)	Kiran Thakur
58.	Manisha (M.Sc. Plant Science)	Manisha
59.	Manisha (M.Sc. Zoology)	Manisha
60.	Shivani Bhardwaj (Msc Zoology)	Shivani
61.	Jitendra Singh Sankh (Msc Zoology) 1 <sup>st</sup> Sem	Jitendra
62.	Mohit Groutham (Msc. Zoology 1 <sup>st</sup> Sem)	Mohit
63.	Ravi Kant (M.Sc. Zoology)	Ravi
64.	Manati Sharma (M.Sc. Botany)	Manati
65.	Ankita (Msc Plant Science) 1 <sup>st</sup> Sem	Ankita
66.	Ritika Dhiman (MSc Plant Science) - 1 <sup>st</sup> Sem	Ritika
67.	Saika (MSc plant science - 1 <sup>st</sup> Sem)	Saika
68.	Diksha Katoch (M.Sc. plant science) - 1 <sup>st</sup> sem	Diksha Katoch
69.	Manvi (M.Sc. plant science) - 1 <sup>st</sup> Sem	Manvi
70.	Neha (M.Sc. Plant Science) - 1 <sup>st</sup> Sem	Neha
71.	Anchal Kumari (M.Sc. Plant Science) - 1 <sup>st</sup> Sem	Anchal Kumari
72.	Muskan Dhiman (M.Sc. Plant Science) - 1 <sup>st</sup> Sem	Muskan Dhiman
73.	Lalita Kumari (MSc Plant sciences) 1 <sup>st</sup> sem	Lalita Kumari
74.	Damini (Msc Plant Science - 2 <sup>nd</sup> Sem)	Damini
75.	Arati Chouhan (Msc Plant Science - 3 <sup>rd</sup> Semester)	Arati
76.	Sanjay Kumari (Msc Plant Science) - 3 <sup>rd</sup> Sem	Sanjay
77.	Shivani 1 <sup>st</sup> Sem	Shivani
78.	Simran (M.Sc. Plant Sciences) - 3 <sup>rd</sup> Sem	Simran
79.	Wajid Hussain (M.Sc. Plant Science) - 3 <sup>rd</sup> Sem	Wajid
80.	Kushal Thakur (M.Sc. Plant Science) - 3 <sup>rd</sup> Sem	Kushal Thakur
81.	Susati M.Sc. Plant Sciences 3 <sup>rd</sup> Sem	Susati
82.	Shivani M.Sc. Plant Sciences 3 <sup>rd</sup> Sem	Shivani
83.	Udaypal MSc plant science 3 <sup>rd</sup> sem	Udaypal

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81.	Nitin Sharma	M.Sc. Plant Science	3rd sem	(Signature)
85.	Rakesh Kumar	M.Sc. Plant Science	3rd sem	Rakesh
86.	Pitamber	M.Sc. Plant Science	3rd sem	Pitamber
87.	Madhvi Negi	M.Sc. Plant Science	3rd sem	(Signature)
88.	Ankita Rana	M.Sc. Plant Science	3rd sem	Ankita Rana
89.	Swati	M.Sc. Plant Science	3rd sem	Swati
90.	Sushma Kumari	M.Sc. Plant Science	3rd sem	Sushma

(Signature)

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**DEPARTMENT OF PLANT SCIENCES  
SCHOOL OF LIFE SCIENCES  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
SHAHPUR CAMPUS, DISTT. KANGRA (H.P.)**



Seminar on ***"Native Wild Ornamentals of Himalayas"***

Organized by  
Himalayan Life Science Society &  
Vaidya Sushen Club



**Speaker**  
**Dr. MR Dhiman,**  
**Principal Scientist, IARI-ICAR**  
**Katrain, Kullu, Himachal**  
**Pardesh**



**Special Guest**  
**Prof. Pardeep Kumar,**  
**President HLSS, &**  
**Dean Student Welfare**  
**Dean, School of Life Sciences**

**Venue: Seminar Hall**

**Date: 07/03/2022**

**Time: 01:00- 02:00 PM**

**Coordinator: Dr. Munish Sharma, Assistant Professor, Department of Plant Sciences**  
**Organising Secretary: Neha Guleri, Mainsha & Shipa Chaudhary**

विभागाध्यक्ष, वनस्पति विज्ञान विभाग  
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Central University of Himachal Pradesh  
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A Seminar on "Native wild ornamentals of Himalayas" on 7<sup>th</sup> March 2022 by Dr. M. R. Dhiman, Principal Scientist, IARI-ICAR Katrain, Kullu, HP at 1.30 pm in the Seminar Hall of Shahpur Campus.

Attendance of faculty members & students who are attend the lecture:

<u>Name</u>	<u>Signature</u>
1. Dr. M. R. Dhiman (Guest speaker)	M. R. Dhiman
2. Prof. Pardeep Kumar	Pardeep Kumar
3. Dr. Ashim Chaudhary	Ashim Chaudhary
4. Dr. Munish Sharma	Munish Sharma
5. Dr. Divya V. Nair	Divya V. Nair
6. Dr. Rakesh Kumar	Rakesh Kumar
7. Dr. Himadri	Himadri
8. Dr. Ranjit Kumar	Ranjit Kumar
9. Binay Vats	Binay Vats
10. Rajinder Kumar	Rajinder Kumar
11. UDAYPAL VERMA	Udaypal Verma
12. Pritam	Pritam
13. Nitesh Sharma	Nitesh Sharma
14. Kavita Devi (MSc Plant Sciences)	Kavita Devi
15. Anshika (Msc. Plant Science)	Anshika
16. Mansi	Mansi
17. Diksha Katoch (Msc Plant Science 2 <sup>nd</sup> sem)	Diksha Katoch
18. Manvi Sharma ( " )	Manvi Sharma
19. Ritika Dhiman (MSc. Plant Science 2 <sup>nd</sup> Semester)	Ritika Dhiman
20. Sarika ( " )	Sarika
21. Shalika Thakur	Shalika Thakur
22. Palak Thakur (PhD Plant Science)	Palak Thakur

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23.	Deepika Bhandari	(Ph.D Plant Sciences)	Deepika
24.	Ruchika Kumari	(Ph.D Plant Sciences)	Ruchika
25.	Kushal Thakur	(Ph.D Animal Science)	Kushal
26.	Shilpi	(Ph.D Plant Sciences)	Shilpi
27.	Manesha	(RD scholar Plant Sciences)	Manesha
28.	Pushpa Guleria	(RD scholar Plant Sciences)	Pushpa
29.	Pushpa Sharma	(RD scholar Plant Sciences)	Pushpa
30.	Kirti	(RD scholar Plant Sciences)	Kirti
31.	Leena Thakur	(RD scholar Plant Sciences)	Leena
32.	Amandeep	Ph.D Plant Sciences	Amandeep
33.	Kajal	Ph.D Plant Sciences	Kajal
34.	Shelja	Ph.D Plant Sciences	Shelja
35.	Charul	Ph.D Plant Sciences	Charul
36.	Kanika Chaudhary	RD Animal Science	Kanika
37.	Tigmot Yangchen	RD Animal Science	Tigmot Yangchen
38.	Disha Chakraborty	RD Animal Science	Disha
39.	Wajid Hussain	M.Sc. Plant Sciences	Wajid Hussain
40.	Vineeta Kaundal	M.Sc. Plant Sciences	Vineeta Kaundal
41.	Jaimini Soni	M.Sc. Plant Sciences	Jaimini Soni
42.	Diksha	M.Sc. Plant Sciences	Diksha
43.	Rahul Thakur	M.Sc. Plant Sciences	Rahul Thakur
44.	Shivani	M.Sc. Plant Sciences	Shivani
45.	Nikita	"	Nikita
46.	Neha	M.Sc. Plant Sciences	Neha
47.	Aditi Kumari	M.Sc. Plant Sciences	Aditi Kumari
48.	Aditi Kumari	"	Aditi Kumari
49.	Kiran Thakur	M.Sc. Plant Sciences	Kiran Thakur
50.	Anchal Kumari	M.Sc. Plant Sciences	Anchal Kumari
51.	Diksha	M.Sc. Plant Sciences	Diksha
52.	Muskan Dhimar	M.Sc. Plant Sciences	Muskan Dhimar
53.	Raman deep	M.Sc. Plant Sciences	Raman deep
54.	Apurva Anand	M.Sc. Plant Sciences	Apurva Anand

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			classmate
			Date _____
			Page _____
55	Jagdish Choudhary	M.Sc. Plant Science	Jagdish
56	Aditi Sharma	M.Sc. Plant Sciences (4th Sem)	Aditi
57	Munish Sharma	(Ph.D. Plant Sciences)	Munish
58	Shilpa	RD Plant Sciences	Shilpa
59	Neha Guleri	RD Plant Sciences	Neha
60	Vikash Mishra (M.Sc. Plant Science)		Vikash
61	AKASH	M.Sc. Plant Sciences	Akash
62	Somwati Gauram	M.Sc. Plant Sciences (I <sup>st</sup> )	Somwati

*(Signature)*

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**DEPARTMENT OF PLANT SCIENCES  
SCHOOL OF LIFE SCIENCES  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
SHAHPUR CAMPUS, DISTT. KANGRA (H.P.)**



**Seminar on “*Disease Management in Rice and Wheat*”**

**Organized by  
Himalayan Life Science Society &  
Vaidya Sushen Club**



**Speaker  
Dr. Sachin Upmanyu  
Assistant Scientist (Plant  
Pathology), RWRC- Malan,  
Distt.- Kangra (HP)**



**Special Guest  
Dr. Mahesh Kulharia  
Associate Professor & Director ,  
Centre for Computational  
Biology & Bioinformatics**

**Venue: Seminar Hall  
Date: 08/03/2022  
Time: 01:00- 02:00 PM**

**Coordinator: Dr. Ashun Chaudhary, Assistant Professor, Department of Plant Sciences  
Organising Secretary: Leena Thakur, Binny Vats & Pushpa Guleria**

**विभागाध्यक्ष, वनस्पति विज्ञान विभाग  
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शाहपुर, कांगड़ा (हि.प्र.) Shahpur, Kangra (H.P.)-178208**



A Seminar on "Disease Management in Rice and wheat" on 8<sup>th</sup> March 2022 by Dr. Sachin Upmanyu, Assistant Scientist (Plant Pathology), RWRC-Malen, Distt-Kangra (H.P.) at 1:15 pm in the Seminar Hall, Shahpur Campus.

Attendance of faculty members & students who are attend the lecture :

Name	Signature
1. Dr. Sachin Upmanyu (Guest speaker)	
2. Dr. Mahesh	
3. Dr. Ashwin chandrasekhar	
4. Dr. Munish Sharma	
5. Dr. Divya V. Nair	
6. Dr. Himadri	
7. Amandeep Duggal	
8. Rishika Kumar	
9. Nilin Sharma.	
10. Pitamber	
11. Udaypal Verma	
12. Vikash Mishra (M.Sc. Plant Science)	
13. Iacina	
14. Manoti Sharma	
15. Diksha Katoch (2 <sup>nd</sup> Sem) M.Sc. Plant Science	
16. Mansi	
17. Ankita (2 <sup>nd</sup> Sem M.Sc. Plant Science)	
18. Swati Sharma (M.Sc. Plant Science 1 <sup>st</sup> Sem)	
19. Ranu Kapoor M.Sc. Plant Science 1 <sup>st</sup> Sem	
20. Aditi Sharma (3 <sup>rd</sup> Sem)	
21. Shivani M.Sc. Plant Science 3 <sup>rd</sup> Sem	

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22. Aniti Chauhan (3 <sup>rd</sup> Sem M.Sc. Botany)	Aniti
23. Anjali (3 <sup>rd</sup> Sem M.Sc. Botany)	Anjali
24. Anushi (RD Scholar PLS)	Anushi
25. Purima Sharma (RD Scholar PLS)	Purima
26. Binny Vats (RD Scholar)	Binny
27. Shalja (RD Scholar)	Shalja
28. Kajal Choudhary (RD Scholar)	Kajal
29. Charul Thakur (RD Scholar)	Charul
30. Ritika Dhimar (1 <sup>st</sup> Semester M.Sc. Plant Science)	Ritika Dhimar
31. Samrati Gauram ( " )	Samrati Gauram
32. Rahul Thakur (1 <sup>st</sup> Semester " )	Rahul
33. Akash (1 <sup>st</sup> " " )	Akash
34. Anshu Pathania (1 <sup>st</sup> Semester)	Anshu Pathania
35. Ruchika Kumari (RD Scholar PLS)	Ruchika
36. Deepika Bhandral (RD Scholar PLS)	Deepika
37. Palak Thakur (RD Scholar PLS)	Palak
38. Simran (4 <sup>th</sup> Sem M.Sc. Botany)	Simran
39. Sauraj Kumari (4 <sup>th</sup> Sem M.Sc. Botany)	Sauraj Kumari
40. Kanchan (4 <sup>th</sup> Sem M.Sc. Botany)	Kanchan
41. Km. Divya Pawar (M.Sc. Botany 4 <sup>th</sup> Sem)	Divya Pawar
42. Kajal Parihar (M.Sc. Plant Sciences 4 <sup>th</sup> Sem)	Kajal
43. Pooja Thakur (M.Sc. Plant Sciences 4 <sup>th</sup> Sem)	Pooja Thakur
44. Pallvi (M.Sc. Plant sciences 4 <sup>th</sup> sem)	Pallvi
45. Diksha (M.Sc. Plant Sciences 4 <sup>th</sup> Sem)	Diksha
46. Swati (M.Sc. Plant Sciences 4 <sup>th</sup> Sem)	Swati
47. Madhuri Negi (M.Sc. Plant Sciences 4 <sup>th</sup> Sem)	Madhuri
48. Leena Thakur (RD Plant Sciences)	Leena Thakur
49. Raksh Kumar C Plant Science MSc)	Raksh
50. Munish Sharma (RD Scholar)	Munish
51. Priya Verma LM.Sc Plant Sciences 4 <sup>th</sup> Sem.	Priya
52. Sumati (M.Sc. Plant Science)	Sumati
53. Sushma Kumari (M.Sc. Plant science 4 <sup>th</sup> sem.)	Sushma Kumari

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54	Jagdish Choudhary	M.Sc. Plant Science	Jagdish
55	Ramandeep	M.Sc. Plant Science	Ramandeep
56	Diksha	M.Sc. Plant Science	Diksha
57	Anchal Kumari	M.Sc. Plant Science	Anchal Kumari
58	Muskan Thakur	M.Sc. Plant Science	Muskan Thakur
59	Kiran Thakur	M.Sc. Plant Science	Kiran Thakur
60	Nancy	M.Sc. Plant Science	Nancy
61	Shalika	M.Sc. Plant Science	Shalika
62	Neha	M.Sc. Plant Science	Neha
63	Sunidhi	M.Sc. Plant Science	Sunidhi
64	Sonia Yadav	M.Sc. Plant Science	Sonia
65	Sarika	M.Sc. (PLS)	Sarika
66	Nikita	M.Sc. (PLS)	Nikita
67	Shivani	M.Sc. (PLS)	Shivani
68	Anshika Rana	M.Sc. Plant Science	Anshika Rana
69	Manu Choudhary	M.Sc. Plant Science	Manu Choudhary
70	Neha Guleri	RD Scholar (PLS)	Neha
71	Shilpa	RD Scholar (PLS)	Shilpa
72	Manisha Devi	RD Scholar (PLS)	Manisha
73	Pooja Guleri	RD Scholar (PLS)	Pooja
74	Vineeta Koundal	Student (PLS)	Vineeta
75	Diksha (08)	Student (PLS)	Diksha
76	Ramini (06)	Student (PLS)	Ramini
77	Isia (09)	Student (PLS)	Isia
78	Monika (06)	Student (PLS)	Monika
79	Apurva Anand	(Max Planck Institute)	Apurva Anand

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## चावल व गेहूं में लगने वाले रोगों से बचाव बारे किया जागरूक

शाहपुर, 9 मार्च (ब्यूरो): केंद्रीय विश्वविद्यालय के पादप विज्ञान विभाग के वैद्य सुषेण क्लब की ओर से शाहपुर परिसर में चावल और गेहूं में रोग प्रबंधन पर संगोष्ठी का आयोजन किया गया। संगोष्ठी का आयोजन अधिष्ठाता जैविक विज्ञान स्कूल और विभागाध्यक्ष पादप विज्ञान विभाग प्रो. प्रदीप कुमार के मार्गदर्शन में किया गया। इस संगोष्ठी में बतौर आमंत्रित वक्ता चावल एवं गेहूं शोध केंद्र मलां जिला कांगड़ा से सहायक वैज्ञानिक प्लांट पैथोलॉजी डॉ. सचिन उपमन्यु ने संबोधित किया। पादप विज्ञान विभाग के संकाय सदस्य, शोधार्थी और स्नातकोत्तर छात्र मौजूद रहे। संगोष्ठी का उद्देश्य चावल और गेहूं में विभिन्न रोगों के प्रबंधन के बारे में जागरूक करना और उनसे होने वाले नुकसान को कैसे कम किया जा सकता है, इसके बारे में जानकारी देना रहा।

## चावल और गेहूं के रोगों से बचाव के उपाए सुझाये

धर्मशाला। हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के पादप विज्ञान विभाग के वैद्य सुषेण क्लब की ओर से शाहपुर परिसर में चावल और गेहूं में रोग प्रबंधन पर एक संगोष्ठी का आयोजन किया गया। संगोष्ठी का आयोजन अधिष्ठाता, जैविक विज्ञान स्कूल और विभागाध्यक्ष विज्ञान विभाग प्रो. प्रदीप कुमार के मार्गदर्शन में किया गया। इस संगोष्ठी में बतौर अ- 5/12 वक्ता चावल एवं गेहूं शोध केंद्र मलां जिला कांगड़ा से सहायक वैज्ञानिक (प्लांट पैथोलॉजी) डॉ. सचिन उपमन्यु ने संबोधित किया। वहीं विशेष अतिथि कम्प्यूटेशनल बायोलॉजी एवं बायोइन्फॉर्मेटिक्स केंद्र के निदेशक डॉ. महेश कुल्हारिया ने प्रतिभागियों को संबोधित किया। संगोष्ठी में पादप विज्ञान विभाग के संकाय सदस्य, शोधार्थी और स्नातकोत्तर छात्र मौजूद रहे। संगोष्ठी का मुख्य उद्देश्य चावल और गेहूं में विभिन्न रोगों के प्रबंधन के बारे में जागरूक करना और उनसे होने वाले नुकसान को कैसे कम किया जा सकता है इसके बारे में कार्यशाला का उद्देश्य रहा। डॉ. सचिन उपमन्यु ने कहा कि कीट, रोग और खरपतवार एक साथ कुल फसल पैदावार का लगभग 30 प्रतिशत का नुकसान करते हैं। उन्होंने रोग प्रबंधन के दो बुनियादी उपायों-निवारक और उपचारात्मक उपायों पर प्रकाश डाला। उन्होंने कहा कि रोग प्रबंधन में आम तौर पर छह मापदंडों द्वारा पहचान की जाती है अर्थात् बहिष्करण, बचाव, उन्मूलन, संरक्षण, प्रतिरोध और चिकित्सा। उन्होंने विभिन्न रोग प्रबंधन रणनीतियों पर भी प्रकाश डाला जैसे बलास्ट प्रतिरोधी जीन्स की शुरूआत, जीन पिरामिडिंग, मार्कर-असिस्टेड चयन और कल्चरल प्रैक्टिसज आदि। डॉ. उपमन्यु ने राष्ट्रीय महत्व की फसल, फसल की अवस्था, पैथोजन आदि के आधार पर विभिन्न प्रकार के रोगों की व्याख्या की। जैसे ब्लास्ट, बैक्टीरियल लीफ ब्लाइट, शीथ ब्लाइट, ब्राउन स्पॉट, राइस टुंग्रो और उन्होंने चावल की फाल्सब स्मटट का विस्तार से वर्णन किया जो कि उभरती हुई बीमारी है।

खेती

सीयू के शाहपुर परिसर में संगोष्ठी आयोजित

## फसल को 30 फीसदी तक नुकसान पहुंचाते हैं कीट अन्य रोग और खरपतवार

संवाद न्यूज एजेंसी

चावल-गेहूं रोग प्रबंधन पर की चर्चा

धर्मशाला। हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के पादप विज्ञान विभाग के वैद्य सुषेण क्लब की ओर से शाहपुर परिसर में चावल और गेहूं में रोग प्रबंधन पर एक संगोष्ठी का आयोजन किया गया।

संगोष्ठी का आयोजन अधिष्ठाता, जैविक विज्ञान स्कूल और विभागाध्यक्ष, पादप विज्ञान विभाग प्रो. प्रदीप कुमार के मार्गदर्शन में किया गया।

वहीं, विशेष अतिथि कम्प्यूटेशनल बायोलॉजी एवं बायो इन्फॉर्मेटिक्स केंद्र के निदेशक डॉ. महेश कुल्हारिया ने प्रतिभागियों को संबोधित किया। डॉ. सचिन उपमन्यु ने बताया कि कीट, रोग और खरपतवार एक साथ कुल फसल

पैदावार का लगभग 30 फीसदी का नुकसान करते हैं। उन्होंने रोग प्रबंधन के दो बुनियादी निवारक और उपचारात्मक उपायों पर प्रकाश डाला। उन्होंने बताया कि किसानों की ओर से खराब रोग प्रबंधन के कारणों में प्रतिरोधी किस्मों के ज्ञान की कमी, उर्वरकों का असंतुलित प्रयोग और कवक की कुछ नई नस्लों के उद्भव के कारण फसलों का अतिसंवेदनशील बनना शामिल है। संगोष्ठी में डॉ. महेश कुल्हारिया, डॉ. अंशु चौधरी, शोधार्थी पुष्पा गुलेरिया, लीना ठाकुर और पादप विज्ञान विभाग के संकाय सदस्य, शोधार्थी और स्नातकोत्तर छात्र मौजूद रहे।

*(Handwritten signature)*

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**DEPARTMENT OF PLANT SCIENCES  
SCHOOL OF LIFE SCIENCES  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
SHAHPUR CAMPUS, DISTT. KANGRA (H.P.)**



**Seminar on “Wild Edible Tubers of North Western Himalayan Region”**

**Organized by  
Himalayan Life Science Society &  
Vaidya Sushen Club**



**Speaker  
Dr. Tara Devi Sen  
Assistant Professor (Botany)  
Sardar Vallabhbhai Patel  
Cluster University, Mandi**



**Venue: Seminar Hall  
Date: 09/03/2022  
Time: 01:00- 02:00 PM**



**Special Guest  
Dr. Sunil Kumar  
Associate Professor &  
Head Department of Animal  
Sciences**

**Coordinator: Dr. Divya V Nair, Assistant Professor, Department of Plant Sciences  
Organising Secretary : Kriti Raina & Purnima Sharma**

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शाहपुर, कांगड़ा (हि.प्र.) Shahpur, Kangra (H.P.)-178208**

A Seminar on "Wild Edible Tubers of North Western Himalayan Region" on 9<sup>th</sup> March 2022 by Dr. Tara Sen Thakur, Assistant Professor (Botany) Sardar Vallabhbhai Patel Cluster University, Mandi at 1:00 pm in the Seminar Hall, Shahpur Campus.

Attendance of faculty members & students who are attend the lecture:

<u>Name</u>	<u>Signature</u>
1. Dr. Tara Devi Sen (Guest speaker)	
2. Prof. Pardeep Kumar	
3. Dr. Sunil Kumar (Special Guest)	
4. Dr. Ashu Chaudhary	
5. Dr. Munish Sharma	
6. Dr. Divya V. Nair	
7. Dr. Himadri	
8. Damini Msc Plant Science	
9. Raksha Kumar Msc PLS	
10. Anam Sharma M.Sc Plant Science (I <sup>st</sup> sem)	
11. Ramani Deep M. Sc. Plant Science (I <sup>nd</sup> )	
12. Muskan Dhiman MSc. Plant Science (I <sup>st</sup> )	
13. Lalita Kumari M.Sc Plant Sciences	
14. Diksha M.Sc Plant Sciences	
15. Kiran Thakur M.S.C. plant Science (I <sup>st</sup> sem)	
16. Jagdish Choudhary msc plant science	
17. Anika Msc plant science	
18. Diksha Katoch	
19. Sanjay Kumari M.Sc. Plant Science (I <sup>st</sup> sem)	
20. Swati MSc. Plant Science (4 <sup>th</sup> sem)	

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21	Shivani	MSc Plant Science	Shivani
22	Nikita	Msc Plant science	Nikita
22	Nancy Kapoor	M.Sc Plant Science	Nancy
23	Ambika Thakur	M.Sc Plant Science	Ambika
24	Anchal	M.Sc Plant Science	Anchal
25	Neha	M. Sc Plant Science	Neha
26	Namande	M.Sc (Plant Sciences)	Namande
27	Sunidhi	M. Sc Plant Science	Sunidhi
28	Ritika	M.Sc (Plant Sciences)	Ritika
29	Sonia Yadav	Msc Plant science	Sonia
30	Sorati Sharma	M.Sc. Plant Science (1st)	Sorati
31	Reeta Devi	M.Sc. Plant Science (1st)	Reeta
32	Savika	"	Savika
33	Ritika Dhiman	"	Ritika
34	Kishu	(RD Scholar PLS)	Kishu
35	Shelfa	RD Scholar	Shelfa
36	Kajal Chaudhary	RD Scholar	Kajal
37	Amrinder Dogra	RD Scholar	Amrinder
38	Purnima Sharma	RD Scholar (PLS)	Purnima
39	Leena Thakur	RD Scholar (PLS)	Leena
40	Anjali	MSc (Plant Science) (1st sem)	Anjali
41	Shilpa	RD Scholar (PLS)	Shilpa
42	Neha Guleri	RD Scholar (PLS)	Neha
43	Maneesha	RD Scholar (PLS)	Maneesha
44	Pooja Guleri	RD Scholar (PLS)	Pooja
45	Kajal Parihar	M.Sc. Plant Sciences (4th sem)	Kajal
46	Simran	M.Sc. Plant Sciences (4th sem)	Simran
47	Anshu Patra	M.Sc Plant Science (1st sem)	Anshu
48	Rahul Thakur	Msc plant science (1st sem)	Rahul
49	AKASH	M.Sc Plant Sciences (1st sem)	AKASH
50	Samrati Gauram	M.Sc. Plant Science (1st sem)	Samrati
51	Apurva Anand	M.Sc. Plant Science (1st sem)	Apurva

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classmate			
Date _____			
Page _____			
(7)			
51	Tanisha	CUHP21PLS32 (M.Sc Botany)	Tanisha
52	Manisha	CUHP21PLS31 (M.Sc Botany)	Manisha
53	Manish	CUHP21PLS36 (M.Sc Botany)	Manish
54	Manoli Sharma	CUHP21PLS12 (M.Sc Botany)	Manoli
55	Kushal Thakur	CUHP20PLS13 (M.Sc Botany)	Kushal
56	Aditi Kanta	CUHP20PLS01 M.Sc. Botany (III)	Aditi
57	Diksha	CUHP20PLS08 M.Sc Botany (I)	Diksha
58	ISHA KUMARI	CUHP20PLS09 M.Sc. Botany (III)	Isha
59	Munish Sharma	RD. Scholar	Munish
60	Ruchika	CUHP21PLS10 RD. Scholar	Ruchika
61	Palak Thakur	CUHP21PLS08 RD Scholar	Palak
62	Kautilya	CUHP21PLS08 (M.Sc. Botany)	Kautilya
63	Manu Choudhary	CUHP20PLS15 (M.Sc Plant Science)	Manu Choudhary
64	Ankita Rana	CUHP20PLS04 (M.Sc Plant Science)	Ankita Rana
65	Madhvi Negi	CUHP20PLS14 (M.Sc. Plant Science)	Madhvi
66	Monika Verma	CUHP20PLS16 (M.Sc Plant Science)	Monika
67	Susmita	CUHP20PLS28 (M.Sc. Plant Science)	Susmita
68	Shivani	CUHP20PLS25 (M.Sc Plant Science)	Shivani
69	Nancy	CUHP21PLS14 iv " " Shivani	Nancy
70	Diksha	CUHP20PLS07 (M.Sc Plant Science)	Diksha
71	Vikash Mishra	CUHP20PLS31 (M.Sc. Plant Science)	Vikash
72	Palvi	CUHP20PLS18 (M.Sc Plant Science)	Palvi
73	Alisha	CUHP21PLS40 (M.Sc Plant Science)	Alisha
74	Shailpi	CUHP21PLS26 (M.Sc. Plant Science)	Shailpi

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पादप विज्ञान विभाग के वैद्य सुषेण क्लब ने किया अतिथि व्याख्यान का आयोजन

## सीयू में जंगली खाद्य-पौधों पर किया जागरूक

हिमाचल दस्तक ■ धर्मशाला

हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय के पादप विज्ञान विभाग के वैद्य सुषेण क्लब की ओर से शाहपुर परिसर में जंगली खाद्य-पौधों के बारे में जागरूकता पैदा करने के बारे में एक अतिथि व्याख्यान का आयोजन किया गया। व्याख्यान का आयोजन अधिष्ठाता, जैविक विज्ञान स्कूल और विभागाध्यक्ष, पादप विज्ञान विभाग प्रो. प्रदीप कुमार के मार्गदर्शन में किया गया।

इस अवसर पर विशिष्ट अतिथि पशु विज्ञान विभाग के एसोसिएट प्रोफेसर एवं प्रमुख डॉ. सुनील कुमार रहे। इस मौके पर सभी प्रतिभागियों का स्वागत करते हुए डॉ. सुनील ने कहा कि व्याख्यान छात्रों

को पोषण मूल्यों और बाजार की क्षमता वाले विभिन्न जंगली खाद्य पौधों की खेती और प्रबंधन के महत्व को समझने में सहायक होगा। कार्यक्रम के अतिथि अध्यक्ष डॉ. तारा देवी सेन, सहायक प्रोफेसर, वनस्पति विज्ञान विभाग, सरदार वल्लभभाई पटेल क्लस्टर विश्वविद्यालय, मंडी रहीं। उन्होंने उत्तर पश्चिमी हिमालयी क्षेत्र के जंगली खाद्य कंद विषय पर अपने विचार रखे। उन्होंने आर्थिक लाभ को बढ़ावा देने के लिए विभिन्न खाद्य कंदों की खेती की क्षमता पर प्रकाश डाला। उन्होंने पूर्ति के लिए इन मूल्यवान संसाधनों के प्रबंधन और संरक्षण की वर्तमान जरूरतों पर भी जोर दिया। पोषण और बाजार की मांग की। धन्यवाद ज्ञापन के साथ व्याख्यान समाप्त हुआ। डॉ.

■ छात्रों और संकाय सदस्यों ने किया शंकाओं का समाधान  
■ पौधों की खेती और प्रबंधन का महत्व समझने में मिलेगी मदद



सुनील कुमार ने इस तरह के सूचनात्मक व्याख्यान आयोजित करने के लिए विभाग को बधाई दी और संसाधन व्यक्ति को भी धन्यवाद दिया। वहीं बुधवार को आयोजित अतिथि व्याख्यान डॉ.

नर्सरी और फील्ड की तकनीक बताई

कार्यक्रम की अतिथि अध्यक्ष डॉ. तारा देवी ने इन जंगली खाद्य कंदों की खेती और प्रबंधन के लिए नर्सरी और फील्ड तकनीक के बारे में भी बताया। उन्होंने डायोस्कोरिया और एसेरासी प्रजातियों के महत्व के बारे में विस्तार से बताया जो अमतौर पर हिमाचल प्रदेश की ऊपरी पर वितरित की जाती हैं। अतिथि व्याख्यान के बाद एक संवाद सत्र हुआ जिसमें छात्रों और संकाय सदस्यों ने अपनी शंकाओं का समाधान किया।

सतोष कुमारी, वरिष्ठ वैज्ञानिक, वनस्पति विज्ञान विभाग, बागवानी एवं वानिकी महाविद्यालय, नेरी, हमीरपुर द्वारा सब्जी फसलों के संकर बीज उत्पादन में प्रगति विषय पर दिया गया।

## जंगली खाद्य-पौधों-सब्जियों के संकर बीज उत्पादन संबंधी किया जागरूक

धर्मशाला। हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय के पादप विज्ञान विभाग के वैद्य सुषेण क्लब की ओर से शाहपुर परिसर में जंगली खाद्य-पौधों के बारे में जागरूकता पैदा करने के बारे में एक अतिथि व्याख्यान का आयोजन किया गया। व्याख्यान का आयोजन अधिष्ठाता, जैविक विज्ञान स्कूल और विभागाध्यक्ष, पादप विज्ञान विभाग प्रो. प्रदीप कुमार के मार्गदर्शन में किया गया। इस अवसर पर विशिष्ट अतिथि पशु विज्ञान विभाग के एसोसिएट प्रोफेसर एवं प्रमुख डॉ. सुनील कुमार रहे। इस मौके पर सभी प्रतिभागियों का स्वागत करते हुए डॉ. सुनील ने कहा कि व्याख्यान छात्रों को पोषण मूल्यों और बाजार की क्षमता वाले विभिन्न जंगली खाद्य पौधों की खेती और प्रबंधन के महत्व को समझने में सहायक होगा। कार्यक्रम के अतिथि अध्यक्ष डॉ. तारा देवी सेन, सहायक प्रोफेसर, वनस्पति विज्ञान विभाग, सरदार वल्लभभाई पटेल क्लस्टर विश्वविद्यालय, मंडी रहीं। उन्होंने उत्तर पश्चिमी हिमालयी क्षेत्र के जंगली खाद्य कंद विषय पर अपने विचार रखे। उन्होंने आर्थिक लाभ को बढ़ावा देने के लिए विभिन्न खाद्य कंदों की खेती की क्षमता पर प्रकाश डाला। उन्होंने पूर्ति के लिए इन मूल्यवान संसाधनों के प्रबंधन और संरक्षण की वर्तमान जरूरतों पर भी जोर दिया। पोषण और बाजार की मांग की। उन्होंने इन जंगली खाद्य कंदों की खेती और प्रबंधन के लिए नर्सरी और फील्ड तकनीक के बारे में भी बताया। उन्होंने डायोस्कोरिया और एसेरासी प्रजातियों के महत्व के बारे में विस्तार से बताया जो अमतौर पर हिमाचल प्रदेश की ऊंचाई पर वितरित की जाती हैं। अतिथि व्याख्यान के बाद एक संवाद सत्र हुआ, जिसमें छात्रों और संकाय सदस्यों ने अपनी शंकाओं का समाधान किया। धन्यवाद ज्ञापन के साथ व्याख्यान समाप्त हुआ।

विभागाध्यक्ष, वनस्पति विज्ञान विभाग  
Head, Department of Plant Sciences  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
अस्थायी शैक्षणिक खण्ड/Temporary Academic Block,  
शाहपुर, कांगड़ा (नि.प्र.) Shahpur, Kangra (H.P.)-178208





**DEPARTMENT OF PLANT SCIENCES  
SCHOOL OF LIFE SCIENCES  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
SHAHPUR CAMPUS, DISTT. KANGRA (H.P.)**



**Seminar on “*Advances in Hybrid Seed Production of Vegetable Crops*”**

**Organized by  
Himalayan Life Science Society &  
Vaidya Sushen Club**



**Speaker  
Dr. Santosh Kumari  
Senior Scientist,  
Department of Vegetable  
Science, College of Horticulture  
and Forestry,  
Neri, Hamirpur**



**Special Guest  
Prof. Pardeep Kumar,  
President HLSS, &  
Dean Student Welfare  
Dean, School of Life Sciences**

**Venue: Seminar Hall  
Date: 10/03/2022  
Time: 01:00- 02:00 PM**

**Coordinator: Prof. Pardeep Kumar, President HLSS, & Dean Student Welfare, Dean, School of Life Sciences  
Dr. Mahesh Kulharia, Secretary HLSS**

**विभागाध्यक्ष, वनस्पति विज्ञान विभाग  
Head, Department of Plant Sciences  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
अस्थायी शैक्षणिक खण्ड/Temporary Academic Block,  
शाहपुर, कांगड़ा (हि.प्र.) Shahpur, Kangra (H.P.)-178208**



Date = 10-03-2022

classmate  
Date 10/3/2022  
Page

A Seminar on "Advances in Hybrid Seed Production of Vegetable crops" on 10<sup>th</sup> March 2022 by Dr. Santosh Kumari, Senior Scientist, Department of Vegetable Science, College of Horticulture and Forestry, New, Hamirpur at 1.00 pm in the Seminar Hall, Shalpur Campus.

Attendance of faculty members & students who are attend the lecture :


Name	Signature
1. Dr. Santosh Kumari (Guest Speaker)	SKK
2. Prof. Pradeep Kumar (Special Guest)	
3. Dr. Sunil Kumar (Special Guest)	Sunil
4. Dr. Divya V. Nair	
5. Dr. Ashwin Chaudhary	
6. Dr. Munish Sharma	Munish
7. Dr. Himadri	Himadri
8. Deepika Bhandral (RD Scholar) PLS	Deepika
9. Ruchika Kumari (RD Scholar) PLS	Ruchika
10. Rak Thakur (RD Scholar) PLS	Rak
11. Swati Sharma (M.Sc. Plant Science 1st sem)	Swati
12. Shikha MSc II II	Shikha
13. Nikita "	Nikita
14. Sunidhi MSc Plant Science 1st sem	Sunidhi
15. Soni Yadav MSc Plant Science 1st sem	Soni
16. Sarika (1 <sup>st</sup> sem) PLS	Sarika
17. Shailja MSc Plant Science 1st sem	Shailja
18. Nancy "	Nancy
19. Raman deep MSc Plant science 1 <sup>st</sup>	Ramdeep

विभागाध्यक्ष, वनस्पति विज्ञान विभाग  
Head, Department of Plant Science  
हिमाचल प्रदेश विश्वविद्यालय  
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शालपुर, कांगड़ा (हि.प्र.) Shalpur, Kangra (H.P.)-178208

20	Diksha	M.Sc Plant Science	Diksha
21	Anchal	M.Sc Plant Science	Anchal
22	Diksha Katoh	M.Sc Plant (2 <sup>nd</sup> sem)	Diksha Katoh
23	Ritika Dhiman	M.Sc. Plant Science (1 <sup>st</sup> Sem)	Ritika Dhiman
24	Samriti Gauran	"	Samriti
25	Mansa	"	Mansa
26	Vineeta Kaunda (32)	M.Sc Plant Sciences (3 <sup>rd</sup> sem)	Vineeta Kaunda
27	Wajid Hussain	M.Sc. Plant Sciences (3 <sup>rd</sup> sem)	Wajid
28	Kushal Thakur	M.Sc. Plant Science (4 <sup>th</sup> sem)	Kushal Thakur
29	Nitij Sharma	M.Sc. Plant Science (4 <sup>th</sup> sem)	Nitij Sharma
30	Rakesh Kumar	M.Sc PLS (4 <sup>th</sup> sem)	Rakesh
31	Kanchan	M.Sc Plant Sciences (4 <sup>th</sup> sem)	Kanchan
32	Simran	M.Sc Plant Sciences (4 <sup>th</sup> sem)	Simran
33	Aarti Chauhan	M.Sc. Plant Sciences (4 <sup>th</sup> sem)	Aarti
34	Namrata	M.Sc (Plant Sciences) 2 <sup>nd</sup> sem.	Namrata
35	Munish Sharma	RD Scholar Plant Sciences	Munish
36	Muskan Dhiman	M.Sc. Plant Science	Muskan
37	Kiran Thakur	M.Sc Plant science	Kiran Thakur
38	Shivani	M.Sc Plant Science 4 <sup>th</sup> sem.	Shivani
39	Swati	M.Sc. Plant Science 4 <sup>th</sup> sem	Swati
40	Ankita Rana	M.Sc. Plant Sciences 4 <sup>th</sup> sem	Ankita Rana
41	Madhvi Negi	M.Sc. Plant Sciences 4 <sup>th</sup> sem	Madhvi
42	Manu Choudhary	M.Sc. Plant Science 4 <sup>th</sup> sem	Manu
43	Monika Verma	M.Sc Plant Science 4 <sup>th</sup> sem	Monika
43	Alpita Jhinta	M.Sc. Plant Science 4 <sup>th</sup> sem	Alpita
44	Jagdish Choudhary	M.Sc plant science 2 <sup>nd</sup> sem	Jagdish
45	Aparaj Anand	M.Sc Plant Science II <sup>nd</sup> sem	Aparaj
46	Alisha Dhiman	M.Sc Plant Science II <sup>nd</sup> sem	Alisha
47	Anchal Thakur	M.Sc. Plant Science II <sup>nd</sup> sem	Anchal
48	Neelam Kumari	M.Sc Plant Science II <sup>nd</sup> sem	Neelam
49	Ambika Thakur	M.Sc Plant Science II <sup>nd</sup> sem	Ambika



50	Taqnia I	M.Sc. plant sciences	CUHP21PLS08	
51	Lalita Kumari	"	CUHP21PLS10	
52	Rahul Thakur	"	CUNPUS 19	
53	Ankit	"	CUNPUS 05	
54	Akash	"	CUNPUS 06	
55	Monisha	"	CUNPUS 11	
56	Alpna Guliani	RD studies (PLS)		
57	Pratima Guliani	"		
58	Manisha Devi	"		
59	Chirpa	"		
60	Pratima Chandra	"		
61	Kirti	"		
62	Leena Thakur	"		
63	Diksha	M.Sc. Plant Sciences	CUNPUS 08	
64	Jha Kumari	"	CUNPUS 09	
65	Anjali	"	CUNPUS 09	
66	Damini	"	CUNPUS 06	

  
 विभागाध्यक्ष, वनस्पति विज्ञान विभाग  
 Head, Department of Plant Sciences  
 हिमाचल प्रदेश विश्वविद्यालय  
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# Central University of Himachal Pradesh

(Established under Central Universities Act 2009)

Shahpur, District – Kangra, Himachal Pradesh - 176206

## CAPACITY BUILDING PROGRAM

### FOR M.S.W. STUDENTS

ON

## PREVENTION OF SUBSTANCE ABUSE

**Dates:** 11.02.2017-12.02.2017



*Sponsored By,*

*National Institute of Social Defence*

*Ministry of Social Justice and  
empowerment*

*Government of India.*

*Organized by,*

*Department of Social Work*

*Central University of Himachal  
Pradesh, Kangra, H.P.*



### About the Workshop:

Drug, Alcohol & Substance Abuse is a big threat to the country and is destroying the present generation and humanity at large. There is a constant war between people who are trading in drugs and people who want to stop this. Government and NGO cannot do this alone; people have to make immense contribution in curbing this menace. Generating Awareness, Sensitizing, educating masses and training Workers who are dealing with this issue can be a step to curb this menace. This workshop will impart skills to Professional Social Workers to tackle with the issue in a more scientific manner.

### Chairman:

*Prof. Hans Raj Sharma*

### Convenor:

*Ms. Ambreen Jamali*

### Venue:

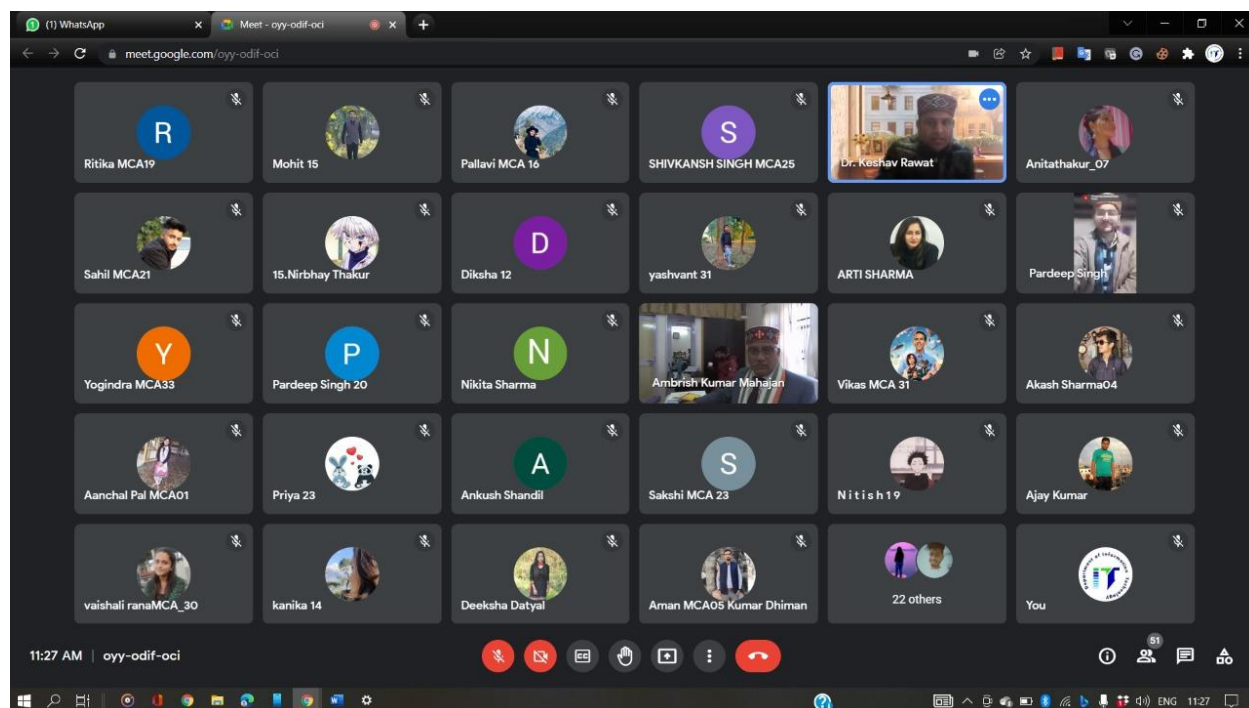
Seminar Hall, TAB, CUHP, Shahpur,  
District Kangra, H.P., India

### Objectives of Workshop:

- Activity based learning skills for social workers in prevention of substance abuse.
- Training participants to facilitate advocacy in reduction of substance abuse.
- Imparting Counseling Skills to participants to deal with drug abused.

## Two days online national seminar on “Emerging Trends in Information and Communications Technologies” (27 – 28 January 2022)

On the occasion of CUHP foundation day celebration, two days online national seminar on “Emerging trends in Information and Communications Technologies” was organized by the Department of Computer Science, Central University of Himachal Pradesh during 27 – 28 January 2022 through online medium Google Meet. The Coordinator, CUHP foundation day celebration inaugurated the national seminar and guided all the participants about the CUHP foundation day celebration and the role of various ICT technologies in the current scenario. The speakers of this national seminar presented their speeches from various parts of India. Prof. Manu Sood- HPU Shimla, Dr. Sandeep Kumar Sood-NIT Kurukshetra, Dr. Rakesh Kumar-Central University Haryana, and Dr. Sahil- IIIT Una presented their session on the latest trends in ICT, Future Aspects in Artificial Intelligence, Machine Learning and Big Data Analytics, IoT Applications & Challenges, and Smart Environment and its Technological Perspective respectively. On this occasion, the Head and Dean Prof. Rakesh Kumar, School of Mathematics Computers and Information Sciences MCIS, Convener Dr. Keshav Singh Rawat, department Incharge, Computer Science and Informatics, faculty members of various departments, members of the organizing committee, and students have attended the seminar.



Manu Sood is presenting

## Computing Eras & HCI

Computing	HCI
• KBs • Machine Centric	• Highly Restricted
• MBs • Application Centric	• Individualistic
• GBs • Enterprise Centric	• Strictly Controlled
• TBs • Service Centric	• Openly Controlled
• PBs+ (Cloud, Fog & Edge Computing)	
• EBs+ Data Centric [JIG2009]	
• Person Centric OR	
• Machine Centric, again ?	

[7362009] Jim Gray, A Transformed Scientific Method, T. Hey, S. Tansley, E. Talla (Eds.), The Fourth Paradigm: Data-Intensive Scientific Discovery, Microsoft Research, 2009. (Turkay Award winner, 2009)

12:21 PM | ONLINE NATIONAL SEMINAR ON Emer...

sandeep sood is presenting

## Future Aspects in Artificial Intelligence, IoT and Big Data Analytics

Dr. Sandeep K. Sood  
Associate Professor,  
Computer Applications  
N.I.T. Kurukshetra,  
Haryana  
India  
Ph.D. (I.I.T. Roorkee)

1/27/2022

Google Chrome  
You're presenting to everyone  
Click here to return to the video call  
when you're ready to stop presenting  
meet.google.com

Turn on microphone (ctrl + d)

2:48 PM | oyy-odif-oci



**Smart Environment**

**Smartness**

**From a sales point of view**  
 \*Provide automated services with little automation expenditure.  
 \*Use control to support specific smart devices

**From technology point of view**  
 \*Use of smart devices that automatically respond to human interaction

**Definition**  
**A physical space that relies on technology**  
 \*It connects "things" in the physical world.  
 \*It increases the level of awareness of what is occurring in physical environments

**Primary Objective**  
**Improvement of quality of human life**  
 \*In terms of comfort and efficiency

**Ingredients**  
**Originate from Ubiquitous Computing**  
 \*Require that connect numerous sensors, controllers, actuators, and other computational resources for interaction with each other.  
 \*To make people's lives more comfortable and secure, eliminate obstructions and improve performance and quality of services

**It is common in a smart environment**  
 \*Use of IoT devices and services  
 \*Use various software platforms and services, artificial intelligence (AI), big data processing, cloud computing, and a large range of technologies

1/28/2021 Smart Environments: An IoT Tech. Perspective 3

2:08 PM | oyy-odif-oci

# Central University of Himachal Pradesh

(Established under Central Universities Act 2009)

Shahpur, District – Kangra, Himachal Pradesh - 176206



## AWARENESS AND SENSITIZATION PROGRAM FOR UNIVERSITY STUDENTS

ON

## PREVENTION OF SUBSTANCE ABUSE

**Dates:** 13.02.2017

**Venue:** Conference Hall,  
Temporary Academic Block  
Central University of Himachal Pradesh,  
Tehsil Shahpur, District Kangra, H.P.

**Organized by,**  
Department of Social Work  
Central University of Himachal Pradesh  
Dharamshala, District Kangra, H.P.

**Sponsored by,**  
National Institute of Social Defense  
Ministry of Social Justice and Empowerment  
Government of India.

### About the Workshop:

Drug, Alcohol & Substance abuse is one of the alarming contemporary issues; therefore sensitization and Awareness is required among the youths for its prevention. Numerous efforts are being carried out through various interventions for various target groups by many governmental and Non Governmental agencies, but still there is a need for awareness among masses. Thus, this proposed workshop will generate awareness among the youths for prevention of Substance abuse.

### Objectives of Workshop:

- Awareness for prevention of substance abuse among university students.
- Sensitizing youths for prevention of Substance abuse

# Central University of Himachal Pradesh School of Commerce & Management Studies (SCMS)

In Association With  
**NCDEX Institute of Commodity Markets and  
Research (NICR)**

*Announces National Webinar on Commodity Derivatives Market*

On 17 September (Thursday), 3:00 PM to 5:00 PM



**Prof. (Dr.) Kuldip Chand Agnihotri**  
Hon'ble Vice- Chancellor  
Central University of  
Himachal Pradesh (Patron)



**Prof. (Dr.) Mohinder Singh**  
Dean,  
School of Commerce and  
Management studies  
(Convenor)



**Mr. Aleen Mukherjee**  
COO, NICR



**Mr. Niraj Shukla**  
AVP, NICR



**Mr. Ram Gopal Yadav**  
Dy. Mgr., NICR



**Ms. Annuradha Singh**  
Sr. Associate, NICR

## ADVISORS

Prof. Sanjeev Gupta  
Prof. Dipanker Sharma  
Dr. Suman Sharma

## ORGANISING SECRETARY

Dr. Manpreet Arora  
Dr. Ashish Nag

## MODERATOR

Dr. Aditi Sharma  
Dr. Rita Sharma

## ORGANIZING COMMITTEE

Dr. Gitanjali Upadhaya  
Dr. Bhawana Bhardwaj  
Dr. Chaman Kashyap  
Dr. Sarvesh Kumar

*Platform - Cisco Webex*

*Participants who attend complete webinar will be awarded  
e-certificates of participation*

**Free  
Registration**

**Contact No.:** +91 9654546655, +91 9816343330, +91 9418188362

**Registration Link: (Copy link and Paste Browser New Tab)**

<https://docs.google.com/forms/d/e/1FAIpQLSc-jwAzj79oWhLhkjKU6DnzjMMNUudt7GT9Yg4-VubWeFe0yw/viewform?gxids=7628>





## National Webinar On

# “Strategy for Managing Personal Finance Including Mutual Funds During and After COVID-19”

Organised by

**HPKVBS, School of Commerce and Management Studies**

**Central University of Himachal Pradesh**

In association with

**Securities and Exchange Board of India (SEBI)**

And

**Association of Mutual Funds in India (AMFI)**

Date: 10 July, 2020

**Time: 12.00 p.m to 2.00 p.m**

## Program Schedule

S.no	Programme	Details	Duration
1)	Welcome Address by Convenor	Prof. Mohinder Singh, Dean SCMS	12.00 p.m to 12.05 p.m
2)	Address by Organising Secretary	Dr. Manpreet Arora, Assistant Professor Management, SCMS	12.05 to 12.10 p.m
3)	Address by Co-convenor	Prof. Sanjeev Gupta, Head of Department, HPKVBS	12.10 p.m to 12.15 p.m
4)	Address by Chief Guest	Prof. SP Bansal, HVC, Himachal Pradesh Technical University	12.15 p.m to 12.30 p.m
5)	Address by SEBI Official	Mr Viral Parekh, AGM SEBI	12.30 p.m to 12.45 p.m
6)	Keynote Address by AMFI Official	Sh. Surya Kant Sharma, Senior Consultant, North Region, AMFI, Ex DGM, SEBI	12.45 p.m to 1.30 p.m
7)	Address by NSDL official	Sh. Ankur Mittal, Senior Vice President, NSDL	1.30 p.m to 1.45 p.m
8)	Questions	Dr. Ashish Nag, Moderator, Associate Professor, Department of Travel and Tourism	1.45 p.m to 1.55 p.m
9)	Vote of Thanks	Dr. Manpreet Arora, Organising Secretary	1.55 p.m to 2.00 p.m

Link of Google Form for Registration of Webinar in advance is:

<https://forms.gle/evXPWm3iH5zquMUL7>

(ii) Link to join the WhatsApp group of the Webinar to receive the link and programme schedule for joining the Webinar is:

<https://chat.whatsapp.com/LXzK2i5EBpKFucejAks4j>

Please download the "cisco webex App" from Google Play Store. Active participants will be given E-certificate of the Webinar through E-mail.



# Central University of Himachal Pradesh

Commerce and Management Society  
HPKVBS, (SCMS)

Announces Webinar on  
Personal Branding  
On

**LinkedIn**



Ms. Jinal Sameer Shah  
Assistant Professor at  
NMIMS

On 25th September  
2020, 4:30pm - 6:30pm



Join us on  
Google Meet  
Pass code: rdn-fnje-gpn

**E-certificate will be given to the participants**



Central University of Himachal Pradesh  
School of Commerce and Management Studies  
CUHP Business School

Presents Webinar on



## Agriculture Reforms Acts, 2020: "A Road Ahead"

on Friday, 4th December  
11:30 AM onwards

Prof. Sukhpal Singh  
Centre for Management  
in Agriculture  
IIM Ahmedabad



Join Us on  
Google Meet

meeting code: **tts-osmc-sef**





**Central University of Himachal Pradesh**  
School of Commerce and Management Studies  
**CUHP Business School**

**Presents webinar on:**



**"Stock market is  
a mirror of  
economy". A  
myth or reality.**

**Surjit Basantaray**  
Regional Director  
Eunoia Financial  
Pvt. Ltd.

**on Saturday, 9th January**  
**11:00 am onwards**



**CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
COMMERCE AND MANAGEMENT SOCIETY  
HPKVBS, (SCMS)**

**Organizing 2nd One Day Webinar  
on  
"Online Academic Resources and  
Search Tools"**

**On Friday 26th February  
03:00 Pm to 05:00 Pm**

**JOIN US ON GOOGLE MEET  
[HTTPS://MEET.GOOGLE.COM/KPJ-FFUP-PSS?](https://meet.google.com/KPJ-FFUP-PSS?HS=224)  
HS=224**



Dr. Dimple Patel  
Associate Professor  
Central University of Himachal Pradesh



हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
वाणिज्य एवं प्रबंधन अध्ययन स्कूल  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय प्रबंधन विभाग  
वाणिज्य और प्रबंधन सोसाइटी द्वारा आयोजित

ऑनलाइन पैनल चर्चा  
"श्रम सुधार, २०२०: भावी राह "

दिनांक:  
०४ अक्टूबर २०२०

मंच:  
गूगल मीट  
meet.google.com/qmi-bzmx-ii

समय:  
११ पूर्वाह्न से १२ मध्याह्न

ई-प्रमाण पत्र:  
चर्चा में सम्मिलित छात्रों को  
दिया जाएगा



मुख्य अतिथि

प्रो० (डॉ०) कुलदीप चंद अग्रहोत्री  
माननीय कुलपति  
हि० प्रो० के० वि० वि०, धर्मशाला



श्री पी जे देसाई  
महाप्रबंधक (मानव संसाधन)  
ओएनजीसी वडोदरा



श्री वरुण कुमार  
उप प्रबंधक  
कार्मिक और प्रशासन विभाग  
एसएआईएल आसनसोल



श्री सुधीर गुलिआ  
उप प्रबंधक  
कार्मिक और प्रशासन विभाग  
एनएमडीसी हैदराबाद



श्री अवनीश कुमार सिंह  
वरिष्ठ अधिकारी (मानव संसाधन)  
आईओसीएल ओडिशा



श्री मुकेश तिवारी  
सहायक श्रम आयुक्त  
श्रम और रोजगार मंत्रालय  
कोलकाता

पैनलिस्ट





Central University of Himachal Pradesh  
School of Commerce and Management Studies  
CUHP Business School

Presents

## E-Workshop on Advanced Excel



Assistant Professor, Finance

Department of MBA

ITS Engineering College, Greater  
Noida

on Saturday, 5<sup>th</sup> December  
in two session  
I : 10 am -12 pm  
II : 1 pm – 3 pm

Join us on



Meeting Code :- **dbe-eepe-rzo**



Central University of Himachal Pradesh  
Commerce and Management Society  
HPKVBS, (SCMS)

## Organizing One Day Workshop on



Dr. Ajay kumar  
Assistant Professor  
Central University Of Haryana

***“Sample Size Determination:  
Methodology and Issues”***

***On Saturday 20th February  
11:00 Am to 1:00 Pm***



Join us on  
***Google Meet***



**CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
COMMERCE AND MANAGEMENT SOCIETY  
HPKVBS, (SCMS)**

**ORGANIZING 3RD ONE DAY  
WEBINAR**

**ON**

**"PREPARING REVIEW OF  
STUDIES THROUGH SLR AND  
BIBLIOMETRICS IN RESEARCH"**

**ON MONDAY 8th MARCH**

**02:30 PM TO 04:30 PM**

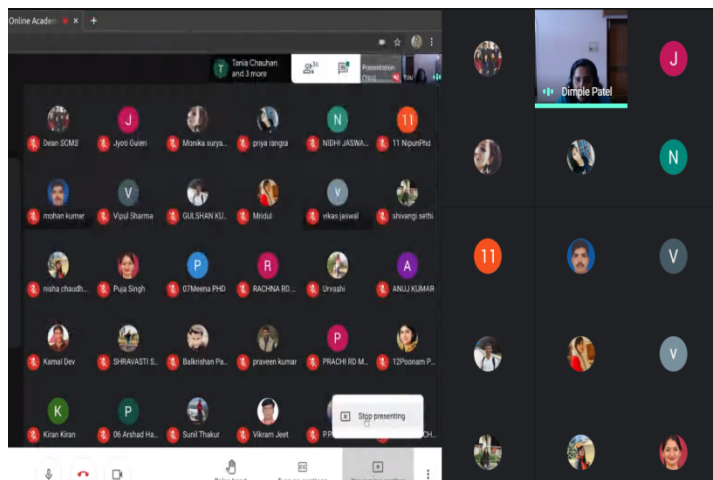
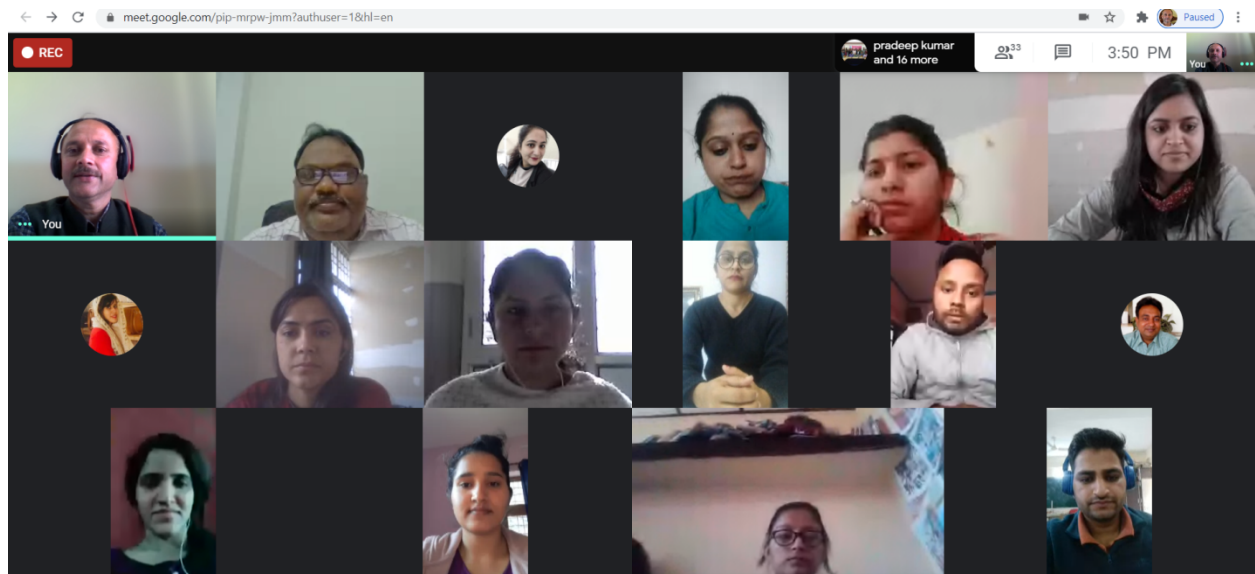
**JOIN US ON GOOGLE MEET  
[meet.google.com/iha-bgfs-aza](https://meet.google.com/iha-bgfs-aza)**



**DR. MANOJ KUMAR DASH  
INDIAN INSTITUTE OF INFORMATION  
TECH & MGT GWALIOR**







Google Meet interface showing a grid of participants. The top bar includes a 'REC' button, a list of participants (Balkrishan Patar... and 18 more), a 'Paused' button, and the time 5:05 PM. The grid displays 18 participants, including Dimple Patel, Jyoti Guleri, Monika suryawanshi, priya rangra, NIDHI .IASWAL RD MGMT, 11 NipunPhd, mohan kumar, Vinul Sharma, GILL SHAN KIIMAR, Mridul, vikas jaswal, shivangi sethi, nisha chaudhary, Puja Singh, and 07Meena PHD. The bottom bar shows the title 'Online Academic Resources and Se...', a list of icons, and the time 5:05 PM on 2/26/2021.

Google Meet interface showing a grid of participants. The top bar includes a list of participants (preveen kumar and 16 more), a 'Paused' button, and the time 5:08 PM. The grid displays 18 participants, including Jyoti Guleri, Monika suryawanshi, RACHNA RD MGMT, NIDHI .IASWAL RD, I Invaahi, mohan kumar, Vinul Sharma, GILL SHAN KIIMAR, Mridul, vikas jaswal, Kamal Dev has left the meeting, and a large blue circle with the letter 'P'. The bottom bar shows the title 'Online Academic Resources and Se...', a list of icons, and the time 5:08 PM on 2/26/2021.



## हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय धर्मशाला (हिःप्र०)



दीनदयाल उपाध्याय कौशल केन्द्र

**“उच्च शिक्षा में कौशल विकास”**

दो दिवसीय राष्ट्रीय संशोषी

29-30 मार्च, 2016

प्रमाणित किया जाता है कि डॉ॰/श्री/सुश्री/.....नजदीक.....आरोड़ा.....के

दीनदयाल उपाध्याय कौशल केन्द्र, हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय द्वारा आयोजित “उच्च शिक्षा में

कौशल विकास” पर दो दिवसीय राष्ट्रीय संशोषी के सफल आयोजन में महत्वपूर्ण योगदान दिया।

प्रो॰ योगिन्द्र सिंह वर्मा  
प्राध्यापक

डॉ॰ मनोज कुमार सक्सेना  
मातृ शिक्षक






**संस्कृति मंत्रालय, भारत सरकार**  
**द्वारा प्रायोजित**  
**पंडित दीनदयाल उपाध्याय: दर्शन एवं सामाजिक विचार**  
**दो दिवसीय राष्ट्रीय सेमिनार**

**मार्च 22-23, 2018**



प्रमाणित किया जाता है कि सुश्री/श्रीमती/श्री/डॉ/प्रो. मनप्रीत अरोड़ा  
ने संस्कृति मंत्रालय, भारत सरकार द्वारा प्रायोजित और शिक्षा स्कूल एवं दीनदयाल उपाध्याय कौशल केन्द्र,  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय द्वारा आयोजित "पंडित दीनदयाल उपाध्याय: दर्शन एवं सामाजिक विचार"  
विषयक दो दिवसीय राष्ट्रीय सेमिनार के सफल आयोजन में महत्वपूर्ण योगदान दिया।

  
प्रो. मनोज कुमार श्रवस्तेना  
सेमिनार समन्वयक  
एवं अधिष्ठाता, शिक्षा स्कूल



हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
Central University of Himachal Pradesh

कैंप कार्यालय, एचपीसीए क्रिकेट स्टेडियम के निकट, धर्मशाला, जिला - कांगड़ा, हिमाचल प्रदेश-176215  
Camp Office, Near HPCA Cricket Stadium, Dharamshala, District Kangra (HP)-176215  
Phone No. 01892 - 229574, Fax No. 01892 - 229130, E-mail ID: [central@cuhp.ac.in](mailto:central@cuhp.ac.in)

F. No. 4-2/CUHP/GA/2010/3835-39

Dated: 24 November, 2017


**NOTIFICATION**

Gandhi Smriti and Darshan Smriti in association with Central University of Himachal Pradesh is organizing 3-day Conference from 2-4 December, 2017 on the theme "In the Path of Buddha and Gandhi: A Convention for Global Peace". His Holiness the Dalai Lama will inaugurate the Conference and Union Minister for Culture shall be the Guest of Honour. Therefore, the Vice-Chancellor is pleased to constitute the following committees for the institutional support and smooth conduct of the Conference:-

- I. Reception Committee**
  - a. Vice-Chancellor
  - b. Pro Vice-Chancellor
  - c. Registrar, All Deans and Controller of Examinations
  - d. Sh. Lakshmi Dass, Member EC of Gandhi Smriti Darshan Sanskriti (GM & DS)
  - e. Sh. Dipankar Shri Gyan, Director (GM & DS)
  - f. Dr. Vedabhyas Kundu, Program Officer (GM & DS)
  - g. Dr. Suman Sharma, Assistant Professor
- II. Venue and Stage Decoration Committee**
  - a. Dr. G.S.K. Sastri, Associate Professor
  - b. Sh. Kamal Singh, Assistant Professor
  - c. Sh. Chaman Lal, Assistant Professor
  - d. Sh. Keshav Singh Rawat, Assistant Professor
- III. Media, Publicity Video & Photography Committee**
  - a. Dr. Pradeep Kumar, Associate Professor
  - b. Dr. Archana Katoch, Assistant Professor
  - c. Dr. Ram Pravesh Rai, Assistant Professor
  - d. Sh. Sanjay Kumar, Hindi Officer
  - e. Sh. Vicky Bhardwaj, Technical Assistant
- IV. Refreshment and Hospitality Committee**
  - a. Dr. Deepak Pant, Associate Professor
  - b. Dr. Ashish Nag, Assistant Professor
  - c. Sh. Debasis Sahoo, Assistant Professor
  - d. Sh. Manoj Dhiman, Assistant Professor

- V. **Cultural Programme Committee**  
a. Dr. Roshan Lal Sharma, Associate Professor - Convener  
b. Dr. Manpreet Arora, Assistant Professor  
c. Dr. Chandra Kant Singh, Assistant Professor
- VI. **Committee for facilitation of Parallel sessions at TAB, Dharamshala**  
a. Dr. Roshan Lal Sharma, Associate Professor - Convener  
b. Dr. Manoj Saxena, Associate Professor  
c. Dr. Pradeep Kumar, Associate Professor
- VII. **Committee for Logistic Support**  
a. Dr. Manoj Kumar Saxena, Associate Professor - Convener  
b. Sh. Girish Sharma, System Analyst  
c. Sh. Vineet Sharma, J.E. (Electrical)  
d. Sh. Vicky Bhardwaj, Technical Assistant
- VIII. **Local Purchase Committee**  
a. Dr. Suman Sharma - Convener  
b. Sh. Chaman Lal  
c. Finance Officer's Nominee
- IX. **Transportation and Accommodation Committee**  
a. Sh. Sanjay Kumar Singh, Hindi Officer  
b. Sh. Virender Singh, UDC

The Hon'ble Vice-Chancellor has further been pleased to nominate Prof. I.V. Malhan as Coordinator to the above Conference being organized at Central University of Himachal Pradesh. Accordingly, all the proposals for administrative & financial sanctions shall be accorded by him.




Registrar

Endst.No.Even.

Dated 21 November, 2017

Copy to :-

1. All the members noted above.
2. Finance Officer, Central University of Himachal Pradesh, TAB, Shahpur, District Kangra, H.P.
3. All Deans/Heads of different Schools/Departments, CUHP, TAB Shahpur/ Dhauladhar Campus, Dharamshala/ Beas Campus, Dehra.
4. PS to VC - for kind information of the Hon'ble Vice-Chancellor please.



Registrar





## हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय

### Central University of Himachal Pradesh

कैंप कार्यालय, एचपीसीए क्रिकेट स्टेडियम के निकट, धर्मशाला, जिला - कांगड़ा, हिमाचल प्रदेश-176215  
Camp Office, Near HPCA Cricket Stadium, Dharamshala, District Kangra (HP)-176215  
Phone No. 01892 - 229574, Fax No. 01892 - 229330, E-mail ID: registrar.cuhp@gmail.com

F. No. 4-2/CUHP/GA/2010/3835-39

Dated: 24 November, 2017

#### NOTIFICATION

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Registrar

Endst.No.Even.

Dated 21 November, 2017

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3. All Deans/Heads of different Schools/Departments, CUHP, TAB Shahpur/ Dhauladhar Campus, Dharamshala/ Beas Campus, Dehra.
4. PS to VC - for kind information of the Hon'ble Vice-Chancellor please.



Registrar



**HIMACHAL PRADESH UNIVERSITY BUSINESS SCHOOL**

**H.P. UNIVERSITY, SUMMER HILL, SHIMLA-171005**

**(NAAC Accredited 'A' Grade University)**

Website: [www.hpubshimla.org](http://www.hpubshimla.org), [www.hpuniv.ac.in](http://www.hpuniv.ac.in)

Tel/fax (91+0177) 2830938

Phone Office : (91+0177) 2830938, 2831653

E-mail: [hpubsdirector@gmail.com](mailto:hpubsdirector@gmail.com)

Date: 24-5-2018

**Certificate**

This is to certify that **Dr Bhawana Bhardwaj**, HP University Business School, delivered a talk on **Communication Skills** on May 23<sup>RD</sup>, 2018 in **3 Days Workshop on "Skill Development & Capacity Building"** on May 22-24, 2018 at HPUBS.

The talk was appreciated by participants.

  
**Prof. Shyam Kaushal**

Director





HIMACHAL PRADESH UNIVERSITY BUSINESS SCHOOL  
H.P. UNIVERSITY, SUMMER HILL, SHIMLA-171005  
(NAAC Accredited 'A' Grade University)  
Website: [www.hpubashimla.org](http://www.hpubashimla.org), [www.hpuni.ac.in](http://www.hpuni.ac.in)


Telefax: (91+0177) 2830638  
Phone Office : (91+0177) 2830938, 2831653  
E-mail: [hpubedirector@gmail.com](mailto:hpubedirector@gmail.com)

Date: 24-05-2018

#### Certificate

This is to certify that Dr Bhawana Bhardwaj, HP University Business School, delivered a talk on Personality Dimensions on May 22<sup>nd</sup>, 2018 in 3 Days Workshop on "Skill Development & Capacity Building" on May 22-24, 2018 at HPUBS.

The talk was appreciated by participants.

  
Prof. Shyam Kaushal

Director



**Central University of Himachal Pradesh Library**

**&**



**Centre for Development of Multimedia Systems**

Cordially Invites You To

## **GLOBAL MEDIA AND INFORMATION LITERACY WEEK**

**25<sup>th</sup> October – 1<sup>st</sup> November 2017**

### **Workshop on Media & Information Literacy for Researchers**

#### **PROGRAMME**

##### **25<sup>th</sup> Oct 2017**

Inauguration of the Workshop by Prof. Kuldeep Chand Agnihotri, Hon'ble Vice Chancellor, CUHP,  
Time: 11.00am - 12.00pm

Workshop on SCOPUS By Tahseen Khanday, Solution Sales Manage, Elsevier. Time: 12.00pm - 2.00pm

##### **26<sup>th</sup> Oct 2017**

Workshop on Web of Science, EndNote - By Vishav Sharma, Solution Consultant - A&G, Intellectual Property  
and Scholarly Science, Clarivate Analytics, Time: 10.00am - 01.00pm

##### **27<sup>th</sup> Oct 2017**

Workshop on e-ShodhSindhu, URKUND - Ashok Kumar Rai, INFLIBNET, Time: 10.00am - 01.00pm

##### **30<sup>th</sup> Oct 2017**

Workshop on Research Methods & Report Writing, Dr. Manoj Saxena, Associate Professor & Dean, School of  
Education, CUHP, Time: 10.00am - 12.00pm

Workshop on Indian Citation Index, JSTOR By Abhinav Kakkar, Business Development Executive, Globe  
Publication Pvt. Ltd, Time: 12.00am - 2.00pm

##### **31<sup>st</sup> Oct 2017**

Tourism and Information Literacy By Dr. S. Sundararaman, Assistant Professor, School of Tourism, Travel &  
Hospitality Management, CUHP, Time: 10.00am - 11.00am

Health Information Literacy Prof. Jagtar Singh, Professor, Department of LIS, Punjabi University, Patiala.  
Time: 11.00am - 12.00pm

##### **1<sup>st</sup> Nov 2017**

Finance Information Literacy By Dr. Ashish Nag, Assistant Professor, Department of Accounting & Finance,  
Time: 10.00am - 11.00am

Valedictory Programme by Prof. H.R. Sharma, Hon'ble Pro-Vice Chancellor, CUHP, Time: 11.00am - 12.00pm

**Venue: Seminar Hall, Temporary Academic Block, Shahpur, CUHP**

#### **Workshop Director**

Prof. I.V Malhan, Dean.  
imalhan\_47@rediffmail.com

#### **Workshop Coordinator**

Mr. Muruli N, Assistant Librarian  
murulitarikere@gmail.com

## ABOUT THE WORKSHOP

The two-day workshop on SPSS is organized by the Department of Economics and Public Policy. The resource person for the workshop shall be Dr Bal Krishan. Dr Bal Krishan was a professor of Commerce at the Himachal Pradesh University, Shimla and is an expert on data analysis. The workshop is targeted at the postgraduate (PG) and doctoral students in the Department of Economics and public policy. It aims at imparting data analysis skills and developing research capabilities in the students. The students from other departments/schools are also welcome to participate.

ORGANISER  
DEPARTMENT OF ECONOMICS  
AND PUBLIC POLICY  
SCHOOL OF SOCIAL SCIENCES  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
TAB, SHAHPUR-176206 (HP)

DATE  
9-10 MAY 2016  
(9:00 AM TO 4:00 PM)

VENUE  
COMPUTER CENTRE  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
TAB, SHAHPUR-176206 (HP)

# TWO-DAY WORKSHOP ON SPSS

Resource Person

**DR. BAL KRISHAN**

Former Professor, Himachal  
Pradesh University, Shimla



## ABOUT THE WORKSHOP

The two-day workshop on econometrics is organized by the Department of Economics & Public Policy. The resource person for the workshop shall be Professor Gurmail Singh. Prof. Singh is a renowned economist. His main research area is agricultural economics and rural development. The present workshop is targeted at the postgraduate (PG) and doctoral students in the Department of Economics & Public Policy. The objective of the workshop is to impart theoretical and practical data analysis skills in the students. The students from other departments/schools are also welcome to participate.

**ORGANISER**  
DEPARTMENT OF ECONOMICS  
& PUBLIC POLICY  
SCHOOL OF SOCIAL SCIENCES  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
TAB, SHAHPUR-176206 (HP)

**DATE**  
12-13 MAY 2016  
(9:00 AM TO 5:00 PM)

**VENUE**  
COMPUTER CENTRE  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
TAB, SHAHPUR-176206 (HP)

## TWO-DAY WORKSHOP ON ECONOMETRICS

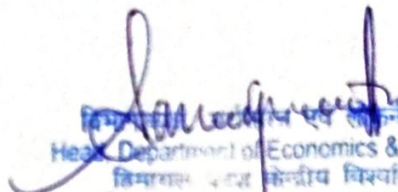
**RESOURCE PERSON**  
**DR. GURMAIL SINGH**

Professor, Panjab University,  
Chandigarh



### Report of the Econometric Workshop

The two-day workshop on econometrics was organized by the Department of Economics & Public Policy on 12-13 May, 2016. The resource person for the workshop was Professor Gurmail Singh. Prof. Singh is a renowned economist and VC of Akal University. His main research area is agricultural economics and rural development. The present workshop targeted at the postgraduate (PG) and doctoral students in the Department of Economics & Public Policy. In the workshop Prof Gurmail imparted theoretical and practical data analysis skills using SPSS software to the students.

  
विभागाध्यक्ष, अर्थशास्त्र एवं सार्वजनिक नीति विभाग  
Head, Department of Economics & Public Policy  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
अस्थायी शैक्षणिक ब्लॉक Temporary Academic Block  
चौधरी पंसा-1 परिसर / Chauhar Pansa-1 Laramshala-176211



## ABOUT THE WORKSHOP

The one-week workshop on econometrics is organized by the Department of Economics & Public Policy under the aegis of IQAC. The resource person for the workshop shall be Dr Vijayamohanan Pillai. Dr Pillai is an associate professor at the Centre for Development Studies, Trivandrum. He is a foremost expert on econometrics in India. He was more than two decade of teaching experience. It is a capacity building workshop targeted at the postgraduate (PG) and doctoral students in the Department. It aims at imparting data analysis skills and developing research capabilities in the students. The students from other departments/schools are also welcome to participate.

**ORGANISER**  
DEPARTMENT OF ECONOMICS  
& PUBLIC POLICY  
SCHOOL OF SOCIAL SCIENCES  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
TAB, SHAHPUR-176206 (HP)  
(UNDER AEGIS OF INTERNAL QUALITY  
ASSURANCE CELL (IQAC))

**DATE**  
7-11 MAY 2018  
(9:00 AM TO 5:00 PM)

**VENUE**  
COMPUTER CENTRE  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
TAB, SHAHPUR-176206 (HP)

## ONE-WEEK WORKSHOP ON ECONOMETRICS

### RESOURCE PERSON

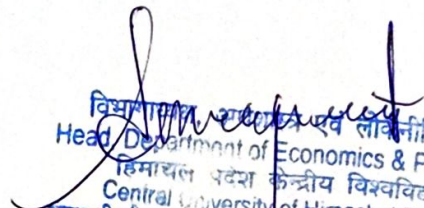
**DR. N. Vijayamohanan Pillai**

Associate Professor, Centre for  
Development Studies, Trivandrum,  
Kerala



## Report of the Econometric Workshop 7-11 May 2018

The one-week workshop on econometrics was organized by the Department of Economics & Public Policy under the aegis of IQAC on 7 to 11 May 2018. The resource person for the workshop was Dr Vijayamohanan Pillai. Dr Pillai is an associate professor at the Centre for Development Studies, Trivandrum. He is a foremost expert on econometrics in India. He was more than two decades of teaching experience. The workshop targeted at the postgraduate (PG) and doctoral students in the Department. The workshop imparted data analysis skills and developing research capabilities in the students.

  
विभागाध्यक्ष, अर्थशास्त्र एवं लोकनीति विभाग  
Head, Department of Economics & Public Policy  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
अस्थायी शैक्षणिक खण्ड/Temporary Academic Block  
धौलाधार पंसर-1 धर्मशाला/Dhauladhar Pansar-1 Dharamshala-176215



## ABOUT THE WORKSHOP

The two-day workshop on econometrics is organized by the Department of Economics & Public Policy under the aegis of IQAC. The present workshop is targeted at the postgraduate (PG) and doctoral students in the Department of Economics & Public Policy. The objective of the workshop is to impart theoretical and practical data analysis skills in the students. The students from other departments/schools are also welcome to participate.

The resource person for the workshop shall be Prof. SK Chauhan. Prof. Chauhan is a renowned economist working at the CSK HPAU, Palampur. His main research area is agricultural economics. He is an expert in econometrics and data analysis.

**ORGANISER**  
DEPARTMENT OF ECONOMICS  
& PUBLIC POLICY  
SCHOOL OF SOCIAL SCIENCES  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
TAB, SHAHPUR-176206 (HP)  
(UNDER AEGIS OF INTERNAL QUALITY  
ASSURANCE CELL (IQAC))

**DATE**  
14-15 MAY 2018  
(9:00 AM TO 5:00 PM)

**VENUE**  
COMPUTER CENTRE  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
TAB, SHAHPUR-176206 (HP)

## TWO-DAY WORKSHOP ON ECONOMETRICS

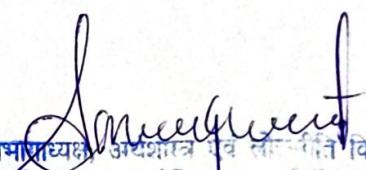
**RESOURCE PERSON**  
**PROF. SK CHAUHAN**  
Professor, CSK Himachal Pradesh  
Agricultural University, Palampur



## Report of the Econometric Workshop May 2018

The two-day workshop on econometrics was organized by the Department of Economics & Public Policy under the aegis of IQAC from 14 to 15 May 2018. The present workshop targeted at the postgraduate (PG) and doctoral students in the Department of Economics & Public Policy. The objective of the workshop was to impart theoretical and practical data analysis skills in the students.

The workshop was conducted by Prof. SK Chauhan. Prof. Chauhan is a renowned economist working at the CSK HPAU, Palampur. His main research area is agricultural economics. He is an expert in econometrics and data analysis. Prof Chauhan delivered lectures and problem-solving session for the students on various aspects of Econometrics was conducted in the workshop.

  
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हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
अस्थायी शैक्षणिक इकाई  
Temporary Academic Block  
दीलाधार परिसर-1 चर्मशाला/Dehraadhar Pansar-1 Charamshala-176215



## ABOUT THE WORKSHOP

The one-week workshop on econometrics is organized by the Department of Economics under the aegis of IQAC. The resource person for the workshop shall be Dr Vijayamohanan Pillai. Dr Pillai is an associate professor at the Centre for Development Studies, Trivandrum. He is a foremost expert on econometrics in India. He was more than two decade of teaching experience. It is a capacity building workshop targeted at the postgraduate (PG) and doctoral students in the Department. It aims at imparting data analysis skills and developing research capabilities in the students. The students from other departments/schools are also welcome to participate.

**ORGANISER**  
**DEPARTMENT OF ECONOMICS**  
SCHOOL OF SOCIAL SCIENCES  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
TAB, SHAHPUR-176206 (HP)  
(UNDER AEGIS OF INTERNAL QUALITY  
ASSURANCE CELL (IQAC))

**DATE**  
13-17 MAY 2019  
(9:00 AM TO 5:00 PM)

**VENUE**  
SEMINAR HALL  
DHAULADHAR PARISAR-II  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
DHARAMSHALA-176215 (HP)

## ONE-WEEK WORKSHOP ON ECONOMETRICS

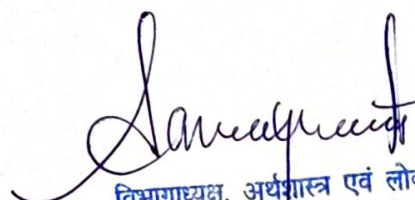
### RESOURCE PERSON

**DR. N. VIJAYAMOHANAN  
PILLAI**

Associate Professor, Centre for  
Development Studies, Trivandrum,  
Kerala

## Report of the Econometric Workshop 13-17 May 2019

The one-week workshop on econometrics was organized by the Department of Economics & Public Policy under the aegis of IQAC on 13-17 May 2019. The resource person for the workshop was Dr Vijayamohanan Pillai. Dr Pillai is an associate professor at the Centre for Development Studies, Trivandrum. He is a foremost expert on econometrics in India. He was more than two decade of teaching experience. The workshop targeted at the postgraduate (PG) and doctoral students in the Department. The workshop imparted data analysis skills and developing research capabilities in the students.



विभागाध्यक्ष, अर्थशास्त्र एवं लोकनीति विभाग  
Head, Department of Economics & Public Policy  
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Central University of Himachal Pradesh  
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धौलाधार परिसर-1 धर्मशाला/Dhauladhar Parisar-1 Dharamshala-176215



WORKSHOP FOR PHD SCHOLARS OF  
THE DEPARTMENT OF ECONOMICS  
& PUBLIC POLICY

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**RESEARCH  
METHODOLOGY  
WORKSHOP**

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**VENUE**

Seminar Hall

Dhauladhar Parisar-II

Central University of Himachal Pradesh

Dharamshala-176215



## Issues covered in the workshop along with the faculty names

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The workshop is planned keeping in mind the specific needs of the PhD students at the stage of proposal writing.

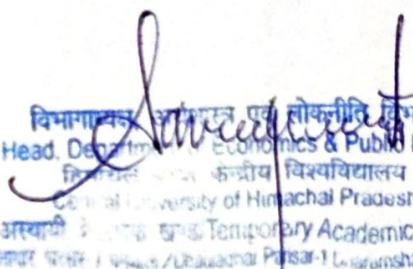
While the research methodology course equips the research scholar to deal with various issues, the students often struggle with practical problems pertaining to reviewing the literature, finding data sources, and presenting the ideas in a coherent manner. Some of the issues are specific to the research problem chosen by the students.

The workshop shall help students in overcoming these issues.

1. **Literature Review** (27<sup>th</sup> Oct. 2021, 10:30 AM)  
(Dr Kamal Singh)
2. **Proposal Writing** (28<sup>th</sup> Oct. 2021, 10:30 AM)  
(Dr Amit K. Basantaray)
3. **Writing Literature Review** (29<sup>th</sup> Oct. 2021, 10:30 AM)  
(Dr Indervir Singh)
4. **Methodological Issues** (1<sup>st</sup> Nov. 2021, 10:30 AM)  
(Dr Vinod Naik)

**Report on PhD Workshop organised from 27<sup>st</sup> October to 1<sup>st</sup> November 2021**

The department organised a workshop keeping in mind the specific needs of the PhD students at the stage of proposal writing in the month of October-November 2021. While the research methodology course equips the research scholar to deal with various issues, the students often struggle with practical problems pertaining to reviewing the literature, finding data sources, and presenting the ideas in a coherent manner. Some of the issues are specific to the research problem chosen by the students. In the workshop topics ranging from Literature Review, Proposal Writing, Writing Literature Review and Methodological Issues were discussed.

  
विभागाध्यक्ष, आर्थिक एवं सार्वजनिक नीति विभाग  
Head, Department of Economics & Public Policy  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
अस्थायी : अकादमिक ब्लॉक Temporary Academic Block  
पैराडाइस पोर्स-1, उनाओशील पोर्स-1 Unaonshala-176215



# Economics Society

**CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
DHARAMSHALA**



**Chief Guest  
and Keynote Speaker  
Prof. A.D.N. Bajpai  
Hon'ble Vice Chancellor  
Atal Bihari Vajpayee  
University, Chattisgarh**

**Invites you all  
To**

**WEBINAR  
ON THE OCCASION OF**



**Presided by  
Prof. S. P. Bansal  
Hon'ble Vice Chancellor  
Central University of H.P.,  
Dharamshala**

**CUHP FOUNDATION WEEK CELEBRATIONS**

**Date: 30<sup>th</sup> January, 2022 Time: 11:30 AM  
onwards**

**TOPIC: आत्मनिर्भर भारत: चुनौतियां और नीतिगत संभावनाएं**





**Prof. A.K. Mahajan**  
Co-ordinator, Foundation  
week Lecture Series,  
CUHP



**Prof. Narayan Singh Rao**  
Dean, School of Social Sciences



**Dr. Suman Sharma**  
Prog. Coordinator &  
Head, Department of  
Economics, CUHP

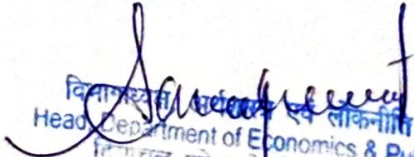
### **Organising Committee**

Dr. Indervir Singh (Convener)  
Dr. Kamal Singh (Co-convener)  
Dr. Amit Kumar Basantaray (Member)  
Dr. Vinod Naik (Member)

Date : 30/1/2022

### Report of the Webinar

Department of Economics, Central University of Himachal Pradesh, Dharamshala in continuation to CUHP Foundation week celebrations on 30<sup>th</sup> January 2022 organised a webinar आत्मनिर्भर भारत: चुनौतियां और नीतिगत संभावनाएं | The chief guest for the occasion was Professor Arun Diwaker Nath Bajpai, VC, Atal Bihari Vajpayee University, Bilaspur, Chhattisgarh. The webinar was presided by VC of CUHP, Prof S P Bansal. Dr Indervir Singh, Assistant Professor, Department of Economics introduced the guest and extended welcome to the esteem guests on the behalf of the Department. Prof S P Bansal in his inaugural address laid emphasis on the five pillars or strengths i.e. Economy, Infrastructure, System, Democracy and Demand for achieving the goal of self-reliance. He highlighted the COVID crises has not only forced India but the world to think about and become self-reliant. Prof Bajpai in his presidential address explained that Indian economy embarked upon the philosophy of self-reliance way back in 1960's. He underlined that the current COVID crisis had given us the opportunity for self-introspection and to think about the fellow country which are at the bottom of pyramid. These people are unskilled, illiterate and the worst hit victim of the COVID and its after math i.e., lockdown. These all events in combination had jeopardise the livelihood of millions of Indian. He called for removal of inequalities which are ubiquitous in Indian economy and have exacerbated in recent times. Prof Bajpai gave the myntra of sustainability of self-reliance. For achieving the objective of sustainability in self reliance he suggested measures like increasing domestic savings, revival of agriculture, emphasis on organic farming, skill development, and fostering the sense entrepreneurship. Dr Suman Sharma, Head, Department of Economics, lauded the work done by Prof S P Bansal and Prof A D N Bajpai and thanked everyone. The vote of thank was presented by Dr Kamal Singh. On this occasion, Prof Narayan Singh Rao, Dean, School of Social Sciences, Prof Pardeep Kumar , DSW, Dr Amit Kumar Basantaray and Dr Vinod Kumar from department of Economics were also present along with many scholars and students of economics department.

  
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Head, Department of Economics & Public Policy  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
धरमशाला, हिमाचल प्रदेश  
Dharamshala, Himachal Pradesh



### Students must ask questions and keep the spirit of Curiosity Alive

Department of Economics Central University of Himachal Pradesh, Dharamshala organised a special lecture for the faculty, students and the scholars of the department. Prof Aparna Negi, Professor, Department of Economics, Himachal Pradesh University, Shimla delivered the lecture. Prof Negi urged the students to ask more and more questions about the subject being taught so that basic understanding of the relevant subject can developed in more comprehensive manner. She emphasized that students should inculcate the spirit of curiosity among themselves then only they can fully grasp the knowledge. On the Occasion Dr Kamal Singh Assistant professor presented the welcome note and HoD of the department Dr Suman Sharma introduced the guest and presented Shawl and Himachali cap to the dignitary. Dr Amit Basantaray presented the vote of thanks. At the Occasion Dr Indervir Singh and Dr Vinod Naik from the department were also present.



*Aparna Negi*  
विभागाध्यक्ष, अर्थशास्त्र एवं लोकनीति विभाग  
Head, Department of Economics & Public Policy  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
अस्थायी ब्लॉक, धरमशाला  
Temporary Academic Block  
बैलाधार परिसर-1, उना / Dharamshala, Dharamshala-176215  
176215



## Criteria - 5: Student Support and Progression

### Seminar/ Workshop details 2019



### **Department of Mathematics**

**School of Mathematics, Computers and Information Sciences**

**Central University of Himachal Pradesh**

**Shahpur, Dist. Kangra**

**Himachal Pradesh – 176206 India**

## **INDEX**

<b>Sr. No.</b>	<b>Details</b>
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2.	Report of the Event
3.	Media Coverage
4.	Attendance of the Students
<b>Two-Day National Seminar on Analytical Aspects of Dynamics</b>	
1.	Notice
2.	Brochure of the Activity
3.	Report of the Event
4.	Media Coverage

**Two days workshop on Indian Mathematics**  
**September 13, 2019**



**TWO DAYS WORKSHOP  
ON**

# **INDIAN MATHEMATICS**

**SEPTEMBER 13-14, 2019**

**ORGANISED  
BY**

**THE MATHEMATICAL SOCIETY  
DEPARTMENT OF MATHEMATICS  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH,  
TAB-SHAHPUR**



## **REPORT OF THE WORKSHOP**

Department of Mathematics is organized Two days workshop on INDIAN MATHEMATICS w.e.f. September 13, 2019 to September 14, 2019 for the students of Mathematics. The resource persons for this workshop were:

1. Professor Krishna murthi Rama subramanian, Cell for the Indian Science and Technology in Sanskrit, Department of Humanities and Social Sciences, Indian Institute of Technology Bombay, India
2. Professor Clemency Montelle School of Mathematics and Statistics, University of Canterbury, Christchurch, New Zealand

The basic purpose of this programme was to acquaint the students with the evolution of mathematical concepts in ancient India, the contributions of Indian mathematicians in ancient/Vedic mathematical and astronomical fields, and to connect it with the modern aspects of mathematics. It is also expected to obtain measures for the collection of such literature, and discuss pertinent future research problems in the history of Indian Mathematics. This workshop is very useful in linking the ancient/Vedic Indian mathematical contributions with modern mathematics, and in the exploration of Indian mathematical documents that have never been studied.

The schedule of the programme is as under:

### **September 13, 2019**

Inaugural: 09:00 AM – 09:30 AM

Mathematical Rangoli – 09:30 AM – 10:00 AM

Model/Poster presentation -10:00am – 11:00 AM

Tea Break – 11:00 AM to 11:15 AM

PI-DIGIT contest – 11:15 am to 12:15 PM

Refreshment Break – 12:15 PM to 01:00 PM

Lecture 1: KR - An overview of Indian mathematics and introduction to Śulbasūtras (01:00 PM – 02:30 PM)

Lecture 2: CM - Geometrical construction in the Śulbasūtras (02:30 PM – 03:30 PM)

Tea Break: 03:30 PM – 03:45 PM

Lecture 3: KR - The Mathematics of Poetry: Pingala's Chandassastra (03:45 PM – 05:15 PM)

**September 14, 2019**

Lecture 4: KR - Mathematics in poetry & Combinatorics (09:00 AM – 10:30 AM)

Lecture 5: CM - Selected examples of mathematical poetry (10:30 AM – 11:30 AM)

Tea Break: 11:30 AM – 11:45 AM

Lecture 6: KR - Study of series in India (11:45 AM – 01:15 PM)

Lunch Break: 01:15 PM - 02:00 PM

Lecture 7: CM - Introduction to trigonometry in India (02:00 PM – 03:00 PM)

Tea Break: 03:00 – 03:15 PM

Lecture 8: KR - The computation of Sines (03:15 PM – 04:15 PM)

Valedictory: 04:15 PM – 05:15 PM

## MEDIA COVERAGE



पंजाब केसरी

4/4



IV

[www.punjabkesari.in](http://www.punjabkesari.in)

कांगड़ा केसरी



धर्मशाला : कार्यशाला के समापन होने के उपरांत विद्यार्थी व विभिन्न विभागों के अध्यापक सामूहिक चित्र में।

# भारतीय गणित पर कार्यशाला संपन्न

धर्मशाला, 14 सितम्बर (ब्यूरो): हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के गणित विभाग, टैब शाहपुर में गणित विभाग के विद्यार्थियों के लिए भारतीय गणित पर 2 दिवसीय कार्यशाला का समापन हो गया। डा. राकेश और डा. सचिन श्रीवास्तव ने बताया कि प्रथम सत्र में प्रो. के. रामासुब्रमणियन, आई.आई.टी. बॉम्बे द्वारा संस्कृत मंत्रों एवं छंदों

के सृजन में द्विगुण, अष्टाधारी और दशमलव संख्या प्रणाली प्रयोग को विस्तार से समझाया गया। समापन सत्र की अध्यक्षता प्रो. भागचंद चौहान अधिष्ठाता द्वारा की गई। विभिन्न विभागों के अध्यापकगण और विद्यार्थी इस कार्यशाला में मौजूद रहे। कार्यक्रम का संचालन डा. राकेश और डा. सचिन श्रीवास्तव द्वारा किया गया।



Attendance sheet for the two days workshop on INDIAN  
MATHEMATICS September 13-14, 2019

Pre-Lunch Session

Dated:14-09-2019

Sr. No.	Roll No.	Name of the Candidate	Present/Absent
1	CUHP18IAM01	ABHINANDAN	P
2	CUHP18IAM02	AMIT	P
3	CUHP18IAM03	ANITA	P
4	CUHP18IAM04	ANKIT CHAUHAN	P
5	CUHP18IAM05	ANKUSH THAKUR	P
6	CUHP18IAM06	ANUJA	P
7	CUHP18IAM07	BHARTI SHARMA	P
8	CUHP18IAM08	HINA MALIK	P
9	CUHP18IAM09	INDERJEET NEGI	P
10	CUHP18IAM10	KAMAL KANT	P
11	CUHP18IAM12	MANISHA CHOUDHARY	
12	CUHP18IAM13	MANISHA THAKUR	P
13	CUHP18IAM14	MANJEET SINGH	P
14	CUHP18IAM15	MONIKA THAKUR	P
15	CUHP18IAM16	NIKITA	P
16	CUHP18IAM17	PANKAJ SHUKLA	P
17	CUHP18IAM18	POOJA	P
18	CUHP18IAM19	PRIYANKA DEVI	P
19	CUHP18IAM21	SHIVANI THAKUR	P
20	CUHP18IAM22	SHRI KISHAN YADAV	
21	CUHP18IAM23	SHUBHAM BHATIA	P
22	CUHP18IAM24	SONALI	P
23	CUHP18IAM25	SUKANT AWASTHI	P
24	CUHP18IAM26	SUNIL KUMAR	P
25	CUHP18IAM27	TAMANNA	P
26	CUHP18IAM28	VIJAY	P
27	CUHP18IAM29	VIKRAM SINGH	P
28	CUHP18IAM30	VIRENDER KUMAR	P
29			
30			



**Attendance sheet for the two days workshop on INDIAN  
MATHEMATICS September 13-14, 2019**

Pre-Lunch Session

Dated:14-09-2019

Sr. No.	Roll No.	Name of the Candidate	Present/Absent
1	CUHP19IAM01	AKANKSHA THAKUR	P
2	CUHP19IAM02	ANIL KUMAR	P
3	CUHP19IAM03	ANU BALA	P
4	CUHP19IAM04	ARCHIT SHARMA	P
5	CUHP19IAM05	DEEPIKA	P
6	CUHP19IAM06	GARIMA THAKUR	P
7	CUHP19IAM07	KAJAL	P
8	CUHP19IAM08	KAMAL KISHOR	P
9	CUHP19IAM09	KASHIK SHARMA	P
10	CUHP19IAM10	LAVLESH KUMAR	P
11	CUHP19IAM11	MAMTA DEVI	P
12	CUHP19IAM12	MANISHA	P
13	CUHP19IAM13	MANISHA SHARMA	P
14	CUHP19IAM14	NITISH SHARMA	P
15	CUHP19IAM15	PRAVEEN KUMAR	P
16	CUHP19IAM16	PRIYANKA	P
17	CUHP19IAM17	PRIYANKA THAKUR	P
18	CUHP19IAM18	RAKESH KUMAR	P
19	CUHP19IAM19	SACHIN RANA	P
20	CUHP19IAM20	SAHIL CHAUDHARY	P
21	CUHP19IAM21	SNEHA YADAV	P
22	CUHP19IAM22	SOURAV	P
23	CUHP19IAM23	SOURAV	P
24	CUHP19IAM24	SUNIL PRAJAPAT	P
25	CUHP19IAM25	SUNNY KUMAR	P
26	CUHP19IAM26	UDIPTA PHUKON	P
27	CUHP19IAM27	VIKRANT DHARWAL	P
28	CUHP19IAM28	VISHAB KAUNDAL	P
29	CUHP19IAM29	VISHAL	P
30	CUHP19IAM30	VISHVENDRA SINGH	P
31	CUHP19IAM31	MANU BALA	P



Attendance sheet for the two days workshop on INDIAN  
MATHEMATICS September 13-14, 2019

Post-Lunch Session

Dated:14-09-2019

Sr. No.	Roll No.	Name of the Candidate	Present/Absent
1	CUHP18IAM01	ABHINANDAN	P
2	CUHP18IAM02	AMIT	P
3	CUHP18IAM03	ANITA	P
4	CUHP18IAM04	ANKIT CHAUHAN	P
5	CUHP18IAM05	ANKUSH THAKUR	P
6	CUHP18IAM06	ANUJA	P
7	CUHP18IAM07	BHARTI SHARMA	P
8	CUHP18IAM08	HINA MALIK	P
9	CUHP18IAM09	INDERJEET NEGI	P
10	CUHP18IAM10	KAMAL KANT	P
11	CUHP18IAM12	MANISHA CHOUDHARY	
12	CUHP18IAM13	MANISHA THAKUR	P
13	CUHP18IAM14	MANJEET SINGH	P
14	CUHP18IAM15	MONIKA THAKUR	P
15	CUHP18IAM16	NIKITA	P
16	CUHP18IAM17	PANKAJ SHUKLA	P
17	CUHP18IAM18	POOJA	P
18	CUHP18IAM19	PRIYANKA DEVI	P
19	CUHP18IAM21	SHIVANI THAKUR	P
20	CUHP18IAM22	SHRI KISHAN YADAV	
21	CUHP18IAM23	SHUBHAM BHATIA	P
22	CUHP18IAM24	SONALI	P
23	CUHP18IAM25	SUKANT AWASTHI	P
24	CUHP18IAM26	SUNIL KUMAR	P
25	CUHP18IAM27	TAMANNA	P
26	CUHP18IAM28	VIJAY	P
27	CUHP18IAM29	VIKRAM SINGH	P
28	CUHP18IAM30	VIRENDER KUMAR	P
29			
30			





**Attendance sheet for the two days workshop on INDIAN  
MATHEMATICS September 13-14, 2019**

Post-Lunch Session

Dated:14-09-2019

Sr. No.	Roll No.	Name of the Candidate	Present/Absent
1	CUHP19IAM01	AKANKSHA THAKUR	P
2	CUHP19IAM02	ANIL KUMAR	P
3	CUHP19IAM03	ANU BALA	P
4	CUHP19IAM04	ARCHIT SHARMA	P
5	CUHP19IAM05	DEEPIKA	P
6	CUHP19IAM06	GARIMA THAKUR	P
7	CUHP19IAM07	KAJAL	P
8	CUHP19IAM08	KAMAL KISHOR	P
9	CUHP19IAM09	KASHIK SHARMA	P
10	CUHP19IAM10	LAVLESH KUMAR	P
11	CUHP19IAM11	MAMTA DEVI	P
12	CUHP19IAM12	MANISHA	P
13	CUHP19IAM13	MANISHA SHARMA	P
14	CUHP19IAM14	NITISH SHARMA	P
15	CUHP19IAM15	PRAVEEN KUMAR	P
16	CUHP19IAM16	PRIYANKA	P
17	CUHP19IAM17	PRIYANKA THAKUR	P
18	CUHP19IAM18	RAKESH KUMAR	P
19	CUHP19IAM19	SACHIN RANA	P
20	CUHP19IAM20	SAHIL CHAUDHARY	P
21	CUHP19IAM21	SNEHA YADAV	P
22	CUHP19IAM22	SOURAV	P
23	CUHP19IAM23	SOURAV	P
24	CUHP19IAM24	SUNIL PRAJAPAT	P
25	CUHP19IAM25	SUNNY KUMAR	P
26	CUHP19IAM26	UDIPTA PHUKON	P
27	CUHP19IAM27	VIKRANT DHARWAL	P
28	CUHP19IAM28	VISHAB KAUNDAL	P
29	CUHP19IAM29	VISHAL	P
30	CUHP19IAM30	VISHVENDRA SINGH	P
31	CUHP19IAM31	MANU BALA	P



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MATHEMATICS September 13-14, 2019

Pre-Lunch Session

Dated:14-09-2019

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1	CUHP18IAM01	ABHINANDAN	P
2	CUHP18IAM02	AMIT	P
3	CUHP18IAM03	ANITA	P
4	CUHP18IAM04	ANKIT CHAUHAN	P
5	CUHP18IAM05	ANKUSH THAKUR	P
6	CUHP18IAM06	ANUJA	P
7	CUHP18IAM07	BHARTI SHARMA	P
8	CUHP18IAM08	HINA MALIK	P
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30	CUHP19IAM30	VISHVENDRA SINGH	P
31	CUHP19IAM31	MANU BALA	P





**Two-Day National Seminar on Analytical Aspects of Dynamics  
22-23 November, 2019**

**NOTICE**



**हिमाचल प्रदेश केंद्रीय विश्वविद्यालय**  
**Central University of Himachal Pradesh**  
(Established under Central Universities Act 2009)  
अस्थायी शैक्षणिक खण्ड, ज़िला काँगड़ा (हि.प्र.) - 176206  
Temporary Academic Block, Distt. Kangra (HP) - 176206  
Website: [www.cuhimachal.ac.in](http://www.cuhimachal.ac.in)

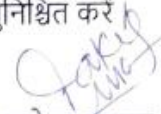
File No.: MTH/2-2/CUHP/19/

Dated: 22/11/2019

**सूचना**

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर में श्रीनिवास रामानुजन गणित विभाग, गणित, कंप्यूटर और सूचना विज्ञान स्कूल द्वारा दिनांक 22-23 नवम्बर, 2019 को **Analytical Aspects of Dynamics** विषय पर "दो दिवसीय संगोष्ठी" का आयोजन किया जा रहा है।

अतः श्रीनिवास रामानुजन गणित विभाग के सभी विद्यार्थियों एवम् शोधार्थियों को यह निर्देशित किया जाता है कि उपरोक्त संगोष्ठी के दौरान आयोजित अतिथि व्याख्यानो में अपनी उपस्थिति सुनिश्चित करें।

  
प्रो. राकेश कुमार,  
विभागाध्यक्ष,  
गणित विभाग

निम्नलिखित को सूचनार्थ एवम् आगामी कार्यवाही हेतु प्रति अग्रेषित:-

1. सूचना पट्ट।
2. सभी संकाय सदस्य, गणित, कंप्यूटर और सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर।
3. अधिष्ठाता, गणित, कंप्यूटर एवम् सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर।

  
विभागाध्यक्ष,  
गणित विभाग

## BROCHURE

### Advisory Committee:

Prof. (Dr.) Kuldip Chand Agnihotri  
Honorable Vice-Chancellor  
CUHP, Himachal Pradesh, India

Prof. (Dr.) P. N. Pandey  
Honorable Vice-Chancellor  
NGBU, Allahabad, India

Prof. (Dr.) B. C. Chauhan  
Dean, School of Physical & Material Sciences  
CUHP, Himachal Pradesh, India

Prof. (Dr.) D. N. Dubey (Retd.)  
Deptt. of Mathematics & Statistics  
DDUGU, Uttar Pradesh, India

### Invited Speakers (Probable):

Prof. (Dr.) R. P. Sharma, HPU, Shimla

Prof. (Dr.) Sunil, NIT Hamirpur, Hamirpur

Prof. (Dr.) P. K. Ahluwalia, HPU, Shimla

Prof. (Dr.) A. K. Vashistha, Kurukshetra  
University, Kurukshetra

Prof. (Dr.) M. K. Sharma, GJUST, Hisar

Prof. (Dr.) S. D. Sharma, Jammu University,  
Jammu

Dr. Amit Prakash, NIT Kurukshetra,  
Kurukshetra

Dr. Shankhadeep Chakraborty, IIT Ropar,  
Punjab

Dr. Sourav Bhattacharya, IIT Ropar, Punjab

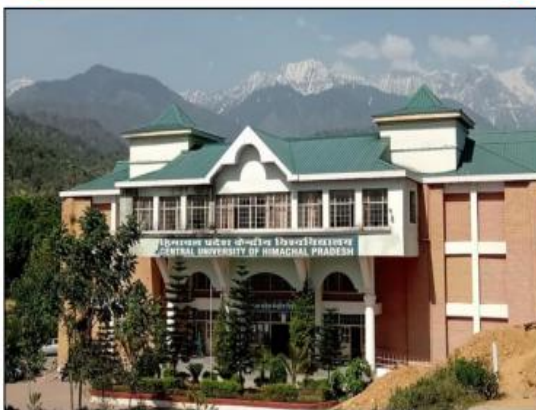
Dr. Amit Mahajan, NIT Delhi, New Delhi



### National Seminar on “Analytical Aspects of Dynamics” (NSAAD-2019)

November 22-23, 2019

Organized by  
Department of Mathematics  
Central University of Himachal Pradesh  
TAB-Shahpur, 176206, HP, India



### About the University:

The Central University of Himachal Pradesh is established under the Central Universities Act 2009 (No. 25 of 2009) enacted by the Parliament. The University is funded and regulated by the University Grants Commission (UGC). The Central University of Himachal Pradesh strives for Inclusive Access to Excellence in Higher Education and Research to emerge as Premier University of the Country at par with the best Universities of the World in terms of Programme Offerings, Curricular Framework, Pedagogy, Research, Publications and Integration with the World of Work. For more details, please visit: [www.cuhimachal.ac.in](http://www.cuhimachal.ac.in)

### Organizing Committee:

#### Convenor:

Prof. (Dr.) Rakesh Kumar, Dean & Head  
Deptt. of Mathematics

#### Organizing Secretary:

Dr. S. K. Srivastava, Assistant Professor  
Deptt. of Mathematics

#### Members:

Dr. Ayan Chatterjee, Assistant Professor

Dr. Dalip Singh Verma, Assistant Professor

Dr. Jagdish Kumar, Assistant Professor

Dr. Rajesh Kumar Singh, Assistant Professor

Dr. Surender Verma, Assistant Professor

Dr. Vikram Singh, Assistant Professor

Sh. Keshav Singh Rawat, Assistant Professor

Sh. Manoj Dhiman, Assistant Professor

Sh. Ajay Kumar, Assistant Professor

Sh. Nimmala Karunakar, Assistant Professor

Sh. Arun Bhatia, Assistant Professor

Dr. K. Srivastava, DST Women Scientist

### Contact Persons:

Dr. S. K. Srivastava, +91-98160-78345  
Dr. Rajesh Kumar Singh, +91-9805551767

## **REPORT OF THE SEMINAR**

**Day 1: 23<sup>rd</sup> November, 2019**

The Two-Day National Seminar on “Analytical Aspects of Dynamics” (NSAAD) under aegis of Silver Jubilee Celebration of International Academy of Physical Sciences (IAPS) was organised by the Department of Mathematics, Central University of Himachal Pradesh (CUHP) began (on 22.11.2019, 10:15 AM, Venue: Conference Hall, CUHP, TAB, Shahpur) with Sanskrit chants by Dr. Khushbu Srivastava, DST-Women Scientist, followed by welcome address by Prof. Rakesh Kumar, Convener, NSAAD 2019.

The Chief Guest of Inaugural Session was Prof. Som Datt Sharma from Central University of Jammu. In his keynote address the Chief Guest stressed the importance of Mathematics in other branches of Science, including Physics, Chemistry, Music as well as Engineering. He also noted that this kind of gathering serves important purposes, of attracting the younger students to the fields of research as well as allowing interactions between researchers from different fields of study, paving way for inter-disciplinary research.



Inaugural Session was also addressed by Prof. B.C. Chauhan, Dean, School of Physical and Material Sciences, Guest of Honour Prof. M.K. Sexana, followed by the Presidential address by Prof. Baldev Bhai Sharma. They also welcomed the participants and expressed hope that this seminar shall lead to fruitful contributions to the field of science.

The Pre-Lunch Technical Session i.e., Plenary Session-I, of the Seminar, started at 11:30 AM and continued till 2:00 PM, in which lectures on specialized topics were delivered by Prof. S. D. Sharma, Central University of Jammu, on “Functional Analysis on Hardy-Bergmann spaces”, Dr. A. Prakash, NIT Kurukshetra, on “applications of the newly developed Fractional Calculus in Engineering”,

Dr. K. Srivastava, DST-Women Scientist, CUHP, on “Paracontact Geometry” and Dr. J. Kumar, CUHP, on “High temperature Superconductivity” were delivered. Plenary Session-I was chaired by Dr. T. R. Sharma, HPURC.



The Post-Lunch Technical Session i.e., Plenary Session-II, of the Seminar started at 2:30 PM and continued till 4:00 pm in which talk on “Gamma Semirings” by Dr. T. R. Sharma, HPURC, on “Black holes entropy” by Dr A. Chatterjee, CUHP and on “Data Mining” by Prof. S. Gour, JEC, Jaipur were delivered. Plenary Session-II was chaired by Dr. Amit Prakash, NIT Kurukshetra.

After the Plenary Session-II, Paper Presentation-I took place in Conference Hall chaired by Dr. R. K. Singh, CUHP. This Paper Presentation Session started at 4:00 PM and continued till 6:30 PM. Total 15 papers were presented in this session.

## **DAY 2: 23<sup>rd</sup> NOVEMBER, 2019**

The Pre-Lunch Technical Session i.e., Plenary Session-III, of the Seminar, started at 9:00 AM and continued till 11:00 AM, in which lectures of Dr Shankhadeep Chakraborty, IIT, Ropar, on “Tensionless string theory” and Dr Sourav Bhattacharya, IIT, Ropar, on “aspects of black hole physics in de Sitter spacetime” were delivered. Plenary Session-III was chaired by Dr. A. Chatterjee, CUHP.

During Plenary Session-IV (11:15 AM -12:15 PM) Dr Amit Mahajan, NIT Delhi delivered a talk on “Hydrodynamic stability by energy method”. This Session was chaired by Prof Rakesh Kumar, Convenor, NSAAD 2019. After Plenary Session-IV, Dr T R Sharma delivered keynote speech (12:15 PM - 1:30 PM) on the theme of seminar and highlighted the significance of algebraic dynamics and dynamical system in cell biology.

The Post Lunch Paper Presentation-II (2:00 PM - 4:00 PM) was chaired by Dr K. Srivastava, DST-Women scientist, CUHP. Total 11 papers were presented in this session.

During the Valedictory Session of the Seminar, Dr. S. K Srivastava, Organizing Secretary, NSAAD 2019 presented detailed report of the Seminar. Prof. H.R. Sharma, Hon'ble Pro Vice Chancellor, CUHP was Chief Guest of this Session. Prof. Sharma appreciated the Department for taking initiative to organise 1<sup>st</sup> National Seminar and highlighted the importance of Mathematics in Economics.

The distinguished guest, Dr Raj Kumar Upadhyay Mani, Head, Department of Hindi, CUHP spoke about interrelation of Mathematics with Literature.

The best paper and best presentation certificates were given to Mr. Arief , Department of Mathematics, CU Jammu and Mr. Tapender Singh, Department of Physics, CUHP respectively.

Prof. S.D. Sharma has chaired this Session and Prof. Rakesh Kumar, Convenor, NSAAD 2019 proposed the vote of thanks to all participants, invited speakers, guests, faculty members, supporting staffs and students for their active participation in the seminar. Prof. Rakesh Kumar expressed his gratitude towards Canara Bank, Kotwali Bazar, Dharamshala for sponsoring the event.

During the Seminar, total 12 lectures were delivered and total 26 research papers were presented. Researchers from different research institutes, IITs, NITs, Universities as well as the students and faculty of CUHP took active part in proceedings.



“We are happy and proud to report that the NSAAD 2019 was successful and met all its objectives”.

## MEDIA COVERAGE

# Workshop on dynamics

### OUR CORRESPONDENT

**KANGRA, NOVEMBER 11**

A week-long workshop on "Analytical Aspects of Dynamics", organised by The Mathematical Society of Central University of Himachal Pradesh (CUHP), was inaugurated at Shahpur here today.

Prof CS Aravinda from the Tata Institute of Fundamental Research-CAM, Bangalore, who was the chief guest on the occasion,

emphasised the importance of linear algebra and multi-various calculus for visualising mathematical concepts geometrically.

OSKS Shastri, Dean, School of Physical and Material Sciences, said mathematics was the language of physics. SK Srivastava, co-convener of the workshop, welcomed the guests. Dr Rakesh Kumar, organising secretary of the workshop, proposed a vote of thanks.



## Criteria - 5: Student Support and Progression

### Seminar/ Workshop Details – 2020



**Srinivasa Ramanujan Department of Mathematics**

**School of Mathematics, Computers and Information Sciences**

**Central University of Himachal Pradesh**

**Shahpur, Dist. Kangra**

**Himachal Pradesh – 176206 India**

## **INDEX**

<b>Sr. No.</b>	<b>Details</b>
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1.	Notice
2.	Brochure of the Activity
3.	Report of the Event
4.	Media Coverage
<b>International Workshop Srinivasa Ramanujan: the man beyond infinity</b>	
1.	Notice
2.	Brochure of the Activity
3.	Report of the Event
4.	Media Coverage

**International Workshop  
Geometry of continuous fractions: Ramanujan and his successors  
14-15 September 2020**

**NOTICE**



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Temporary Academic Block, Distt. Kangra (HP) - 176206  
Website: [www.cuhimachal.ac.in](http://www.cuhimachal.ac.in)

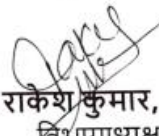
File No.: MTH/2-2/CUHP/19/

Dated: 14/09/2020

**सूचना**

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर में श्रीनिवास रामानुजन गणित विभाग, गणित, कंप्यूटर और सूचना विज्ञान स्कूल द्वारा दिनांक 14-15 सितम्बर, 2020 को **Geometry of Continued Fractions: Ramanujan and his Successors** विषय पर "दो दिवसीय राष्ट्रीय कार्यशाला" का आयोजन किया जा रहा है।

अतः श्रीनिवास रामानुजन गणित विभाग के सभी विद्यार्थियों एवम् शोधार्थियों को यह निर्देशित किया जाता है कि उपरोक्त कार्यशाला के दौरान आयोजित अतिथि व्याख्यानो में अपनी उपस्थिति सुनिश्चित करें।

  
प्रो. राकेश कुमार,  
विभागाध्यक्ष,  
श्रीनिवास रामानुजन गणित विभाग

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विभागाध्यक्ष,  
श्रीनिवास रामानुजन गणित विभाग



# BROCHURE

## Patron:

Prof. (Dr) Kuldip Chand Agnihotri  
Honorable Vice-Chancellor  
CUHP, Himachal Pradesh, India

## Advisory Committee:

Prof. (Dr) Hum Chand  
Dean, School of Physical & Material Sciences  
CUHP, Himachal Pradesh, India

Prof. (Dr) Sandeep Kumar Sood  
Head, Department of Computer Science & Informatics  
CUHP, Himachal Pradesh, India

## Invited Speakers (Probable):



Dr Amanda Folsom  
Professor and Department Chair  
Amherst College  
Department of Mathematics and  
Statistics, Amherst, MA 01002



Dr Rupam Barman  
Associate Professor  
Department of Mathematics  
IIT Guwahati, India



Dr Vijay M. Patankar  
Associate Professor  
Department of Mathematics  
BITS Pilani, Goa, India



Dr Ravinder Singh  
Assistant Professor  
Department of Mathematics  
NIT Jalandhar, India



## Online International Workshop on

## "Geometry of Continued Fractions: Ramanujan and his successors"

September 14-15, 2020

Organized by

Srinivasa Ramanujan Department of Mathematics  
Centre for Vedic Mathematical Studies  
Central University of Himachal Pradesh  
TAB-Shahpur, PIN-176206, HP, India



## About the University

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## Organizing Committee:

### Convenor:

Prof. (Dr) Rakesh Kumar, Dean & Head  
SoMC&IS, Srinivasa Ramanujan Department of Mathematics,  
CUHP

### Organizing Secretaries:

Dr. S. K. Srivastava, Assistant Professor  
Srinivasa Ramanujan Department of Mathematics, CUHP

Dr Pankaj Kumar, Assistant Professor  
Srinivasa Ramanujan Department of Mathematics, CUHP

### Members:

- ♦ Dr Rajesh Kumar Singh, Assistant Professor  
Department of Physics & Astronomical Science, CUHP
- ♦ Sh. Sanjay Singh, Hindi Officer, CUHP
- ♦ Sh. Vicky Bhardwaj, CUHP
- ♦ Sh. Rohit Dhiman, CUHP

## Registration Details:

- ♦ Register online on or before 12<sup>th</sup> September 2020 at following link:  
[https://docs.google.com/forms/4/1Bfn6PsQHMcf-P78l6SKGk\\_4n9kNaG2lOWepM54fss0/edit?usp=sharing](https://docs.google.com/forms/4/1Bfn6PsQHMcf-P78l6SKGk_4n9kNaG2lOWepM54fss0/edit?usp=sharing)

### Note:

- ♦ No Registration Fee.
- ♦ Maximum limit of participants is 100.
- ♦ Selected participants will be notified on or before 13<sup>th</sup> September 2020.
- ♦ 100% attendance will be required.
- ♦ Registered participants will receive an E-certificate only after the completion of workshop.

## Contact Persons:

- ♦ Dr. S. K. Srivastava, +91-98160-78345,  
[sachink.dumath@hncu.ac.in](mailto:sachink.dumath@hncu.ac.in)
- ♦ Dr. Pankaj Kumar, +91-70185-47330,  
[pankajthakur28.85@hncu.ac.in](mailto:pankajthakur28.85@hncu.ac.in)

## **REPORT OF THE WORKSHOP**

The Srinivasa Ramanujan Department of Mathematics and Centre for Vedic Mathematical Studies of the Central University of Himachal Pradesh organized an International Workshop on the topic "**Geometry of continuous fractions: Ramanujan and his successors**" during the period 14<sup>th</sup> September to 15<sup>th</sup> September, 2020.

The workshop's convener Professor Rakesh Kumar said after the Workshop that the Workshop introduced the researchers, students, young teaching personnel and scientists at global level with the works of renowned Indian Mathematician Srinivasa Ramanujan and his successors on various analytical aspects of geometry of continued fractions.

According to him, continued fractions play a central role in analytic number theory by providing best rational approximation to real numbers, and its applications can be seen in harmonics, electric networks, geometry of numbers, complex analysis, numerical analysis, dynamical systems, music, calendars and gears.

## MEDIA COVERAGE

# ज्यामिति का पाठ पढ़ाने को सजेगी पाठशाला मैथेमेटिक्स और सेंटर फार वैदिक स्टडीज करवाएगा अंतरराष्ट्रीय कार्यशाला

दिल्ली हिमाचल ब्यूरो-धर्मशाला

केंद्रीय विश्वविद्यालय हिमाचल प्रदेश का श्रीनिवासा रामानुजन डिपार्टमेंट ऑफ मैथेमेटिक्स और सेंटर फॉर वैदिक मैथेमेटिकल स्टडीज संयुक्त रूप से 14 व 15 सितंबर को एक अंतरराष्ट्रीय कार्यशाला का आयोजन करने जा रहा है। निरंतर भिन्न की ज्यामिति रामानुजन और उनके उत्तराधिकारी विषय पर आयोजित होने वाली इस कार्यशाला का मुख्य उद्देश्य शोधकर्ताओं, छात्रों, युवा शिक्षण कर्मियों और वैज्ञानिकों को विश्व स्तर पर प्रसिद्ध भारतीय गणितज्ञ श्रीनिवासा रामानुजन और उनके उत्तराधिकारियों द्वारा निरंतर भिन्न की ज्यामिति के विभिन्न

विश्लेषणात्मक पहलुओं से परिचित कराना है। कार्यशाला के संयोजक प्रोफेसर राकेश कुमार के अनुसार निरंतर भिन्न वास्तविक संख्याओं के लिए सर्वोत्तम तर्कसंगत सन्निकटन प्रदान करके विश्लेषणात्मक संख्या सिद्धांत में एक केंद्रीय भूमिका निभाते हैं और इनका अनुप्रयोग हार्मोनिक्स, इलेक्ट्रिक नेटवर्क, संख्याओं की ज्यामिति, जटिल विश्लेषण, संख्यात्मक विश्लेषण, गतिशील प्रणाली, संगीत, कैलेंडर और गियर इत्यादि में देखा जा सकता है। कार्यशाला के आयोजन सचिव डा. सचिन कुमार श्रीवास्तव और डा. पंकज कुमार ने बताया कि यह कार्यशाला दुनिया भर के प्रतिभागियों के लिए निशुल्क करवाई

जा रही है। इस कार्यशाला को विश्व स्तर पर पहचान मिल रही है और अभी तक 700 के आसपास प्रतिभागी अपना पंजीकरण करवा चुके हैं। उन्होंने बताया कि शोधकर्ताओं की मांग को ध्यान में रखते हुए पंजीकरण की तारीख को 12 सितंबर तक बढ़ा दिया गया है

● शोधकर्ताओं की मांग पर  
12 तक बढ़ाई पंजीकरण  
की तारीख

जिसमें ऑनलाइन लिंक से पंजीकरण और आवश्यक सूचना के लिए टेलीग्राम चैनल का लिंक का प्रयोग कर सकते हैं।

## नैहरनपुखर बैंक में आए लोग करवाएं कोविड टेस्ट

गरली। केसीसी बैंक नैहरनपुखर में कोरोना पॉजिटिव का मामला सामने आने पर बीएमओ डाडासीबा सुभाष ठाकुर ने लोगों से अपील की है कि जो भी व्यक्ति तीन से आठ सितंबर तक उक्त बैंक शाखा में गए हैं और जिन्हें कोरोना संबंधित कोई लक्षण महसूस होते हैं तो वे 11 सितंबर को प्राथमिक स्वास्थ्य केंद्र सुनहेत में कोविड-19 के तहत जांच करवा लें। उल्लेखनीय है कि पिछले कुछ दिन से देहरा उपमंडल में ही दर्जनों कोविड के मामले आए हैं। इसी के मद्देनजर स्वास्थ्य विभाग भी लोगों को कोरोना की चेन तोड़ने के लिए हर संभव प्रयासों में जुटा है।



**International Workshop**  
**Srinivasa Ramanujan: the man beyond infinity**  
**22 December 2020**

**NOTICE**



**हिमाचल प्रदेश केंद्रीय विश्वविद्यालय**  
**Central University of Himachal Pradesh**

(Established under Central Universities Act 2009)

अस्थायी शैक्षणिक खण्ड, जिला कांगड़ा (हि.प्र.) - 176206

Temporary Academic Block, Distt Kangra (HP) - 176206

Website: www.cuhimachal.ac.in


File No.: MTH-2-2/CUHP/19

Dated: 22/12/2020

**सूचना**

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर में श्रीनिवास रामानुजन गणित विभाग, गणित, कंप्यूटर और सूचना विज्ञान स्कूल द्वारा दिनांक 22 दिसम्बर, 2020 को **Srinivasa Ramanujan: The Man Beyond Infinity** विषय पर "राष्ट्रीय कार्यशाला" का आयोजन किया जा रहा है।

अतः श्रीनिवास रामानुजन गणित विभाग के सभी विद्यार्थियों एवम् शोधार्थियों को यह निर्देशित किया जाता है कि उपरोक्त कार्यशाला के दौरान आयोजित अतिथि व्याख्यानो में अपनी उपस्थिति सुनिश्चित करें।

  
प्रो. राकेश कुमार,  
विभागाध्यक्ष,

श्रीनिवास रामानुजन गणित विभाग

निम्नलिखित को सूचनार्थ एवम् आगामी कार्यवाही हेतु प्रति अग्रेषित:-

1. सूचना पट्ट।
2. सभी संकाय सदस्य, गणित, कंप्यूटर और सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर।
3. अधिष्ठाता, गणित, कंप्यूटर एवम् सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर।

  
विभागाध्यक्ष,

श्रीनिवास रामानुजन गणित विभाग

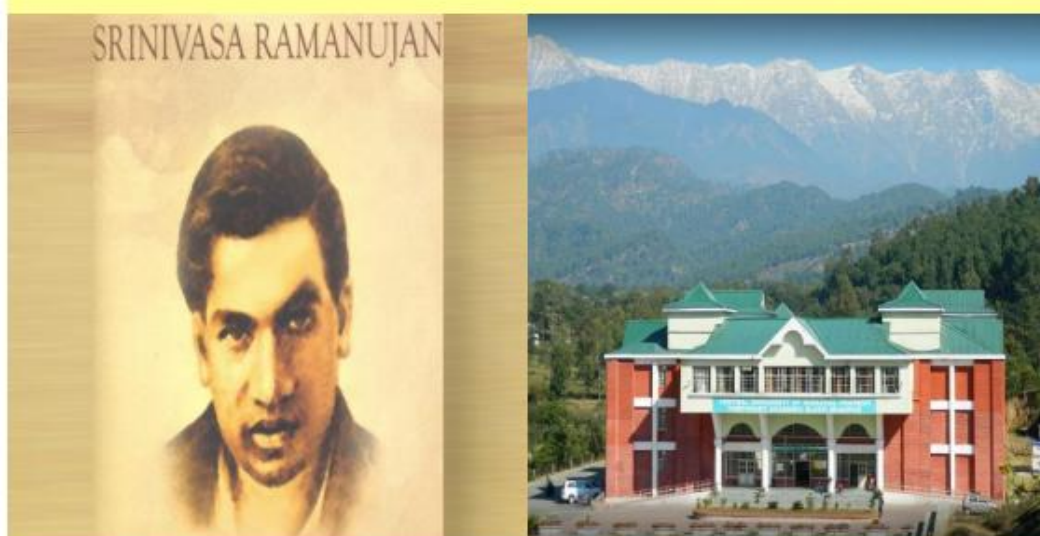
## **BROCHURE**



ONLINE INTERNATIONAL WORKSHOP ON

### **SRINIVASA RAMANUJAN: THE MAN BEYOND INFINITY**

*An event for celebrating the National Mathematics Day on  
the occasion of 133th Birth Year of Srinivasa Ramanujan  
22 December 2020*



***Organized by***

Srinivasa Ramanujan Department of Mathematics  
&  
Centre for Vedic Mathematical Studies  
Central University of Himachal Pradesh ,  
TAB- Shahpur, 176206, HP, India  
(<http://www.cuhimachal.ac.in>)

### Emeritus Speakers



**PROF. K. Srinivasa Rao**, Senior Professor, (Retd.), IMSc, Distinguished DST-Ramanujan Professor Srinivasa Ramanujan Center(2005-2009)



**Prof. Niccolò Guicciardini Corsi Salviati**, Professor of History of Science University of Milan, Italy



**Prof. Satyanad Kichenassamy**, University of Reims Champagne-ardenne, France



**Prof. (Dr) Anupam Jain**, Incharge Principal, Government College, Indoor (M.P.) India



**Dr. Zhao Jiwei**, Associate Professor of the Institute of Advanced Study for History of Science, Northwest University,

### **Program Schedule**

**22 DECEMBER 2020, TUESDAY**

TIME	DETAILS
09.30 AM– 10:00 AM	Inaugural Session
<b>Session I : 10:00 AM – 12:30 PM</b>	
10.00 AM – 11:30 AM	<b>K.S. Rao</b> - Srinivasa Ramanujan; Life, Work and Achievements
11.45 AM- 12.30 PM	<b>Zhao Jiwei</b> - Bhaskara's calculation of the surface area of the sphere
<b>Session II : 1.00 PM – 04.15 PM</b>	
1:00 PM – 01:55 PM	<b>Anupam Jain</b> - Importance of Indian Mathematics
02:00 PM – 02:55 PM	<b>Satyanad Kichenassamy</b> : Apodictic discourse in ancient and modern Mathematics
03:00 PM – 03.55 PM	<b>Niccolò Guicciardini</b> - On the interpretation of past mathematical texts: the case of Johann Bernoulli's differential equation for central force motion
04:00 PM – 04:15 PM	Valedictory Session



## **REPORT OF THE WORKSHOP**

Online one day International Workshop on the topic "**Srinivasa Ramanujan: the man beyond infinity**" was organized by Srinivasa Ramanujan Department of Mathematics and Centre for Vedic Mathematical Studies of **Central University of Himachal Pradesh**, Dharamshala India on 22<sup>nd</sup> December, 2020.

The workshop's convener Prof. Rakesh Kumar said that the main objective of this workshop was to celebrate the 133<sup>rd</sup> birth anniversary of famous mathematician Srinivasa Ramanujan. The emeritus speakers were invited for talks in the workshop. Prof. K. Srinivasa Rao, a retired Professor from The Institute of Mathematical Sciences put light on the life and works of Srinivasa Ramanujan in an elegant manner. Prof Zhao Jiwei from Northwest University China explained the Bhaskara's approach for the calculation of surface area of sphere. Prof. Satyanad Kichenassamy from University of Reims Champagne, France discussed the apodictic discourse in ancient and modern mathematics. Prof. NGC Saivaiti from University of Milan, Italy narrated the past interpretations on Bernoulli's differential equation. Prof. June Barrow Green from The Open University United Kingdom gave a talk in this workshop on Mathematicians at War. According to Dr. Pankaj Thakur, the organizing secretary of the workshop, more than six hundred participants have participated in this workshop. Dr Sachin Kumar Srivastava and Dr Meenakshi were also present in this workshop along with the students of the department.

## MEDIA COVERAGE

# श्रीनिवास रामानुजन के शोध कार्यों पर चर्चा

## एकदिवसीय ऑनलाइन अंतरराष्ट्रीय कार्यशाला का आयोजन, देश भर के प्रतिभागियों ने लिया भाग

टीन-धर्मशाला, शाहपुर

हिमाचल प्रदेश के द्रौय विश्वविद्यालय के श्रीनिवास रामानुजन गणित विभाग और वैदिक गणितोय अध्ययन केंद्र द्वारा संयुक्त रूप से राष्ट्रीय गणित दिवस के उपलक्ष्य पर एकदिवसीय ऑनलाइन अंतरराष्ट्रीय कार्यशाला का आयोजन किया गया। श्रीनिवास रामानुजन अनंत से परे आदमी विषय पर आयोजित इस कार्यशाला में देश भर के प्रतिभागियों ने भाग लिया। कार्यशाला के संयोजक प्रो. राकेश कुमार ने कहा कि इस कार्यशाला का मुख्य उद्देश्य प्रसिद्ध गणितज्ञ श्रीनिवास रामानुजन की 133वीं जयंती को मनाना था। कार्यशाला में

वार्ता के लिए एमेरिटस वक्ताओं को आमंत्रित किया गया था। इस कार्यशाला में शोधार्थियों, छात्रों, युवा शिक्षण कर्मियों एवं वैज्ञानिकों को विध स्तर पर रामानुजन के गणितोय शोधों और उनके जीवन से अवगत करवाया गया। द इंस्टीट्यूट ऑफ मैथमेटिकल साइंसेज के सेवानिवृत्त प्रो. प्रो. के श्रीनिवास राव ने श्रीनिवास रामानुजन के जीवन और कार्यों पर सुरुचिपूर्ण ढंग से प्रकाश डाला। नॉर्थ वेस्ट यूनिवर्सिटी चीन के प्रो. झाओ जिवेई ने भास्कर के दृष्टिकोण को क्षेत्र के सतह क्षेत्र को गणना के लिए समझाया। यूनिवर्सिटी ऑफ रिम्स शॉपेन, फ्रांस के प्रो. सत्यानंद किचेनसामी ने प्राचीन और आधुनिक गणित में

उदासीन प्रवचन पर चर्चा की। इटली मिलान विश्वविद्यालय से प्रो. एनजीसी सेवैतो ने वर्नीली के अंतर समीकरण पर पुरानी व्याख्याएं सुनाई। द ओपन यूनिवर्सिटी यूनाइटेड किंगडम के प्रो. जून वेरो ग्रीन ने इस कार्यशाला में युद्ध के दौरान गणितज्ञों के योगदान पर अपनी बात रखी। प्रो. अनुपम जैन ने भारतीय गणित के महत्व पर प्रकाश डाला। कार्यशाला के आयोजक सचिव डा. पंकज ठाकुर के अनुसार इस कार्यशाला में छह सौ से अधिक प्रतिभागियों ने भाग लिया। इस मौके पर डा. सचिन कुमार श्रीवास्तव और डा. मीनाक्षी भी विभाग के छात्रों के साथ कार्यशाला में उपस्थित रहे।

दिव्य हिमाचल

## Criteria - 5: Student Support and Progression

### Seminar/ Workshop details – 2021



**Srinivasa Ramanujan Department of Mathematics**

**School of Mathematics, Computers and Information Sciences**

**Central University of Himachal Pradesh**

Shahpur, Dist. Kangra

Himachal Pradesh – 176206 India



## INDEX

Sr. No.	Details
<b>Online National Webinar on the title :आज के संदर्भ में वैदिक गणित की प्रासंगिकता</b>	
1.	Notice
2.	Brochure of the Activity
3.	Report of the Event
4.	Media Coverage
<b>Online One Week National Workshop on the title: Principles of Vedic Mathematics</b>	
1.	Notice
2.	Brochure of the Activity
3.	Report of the Event
4.	Media Coverage
<b>Celebration of National Mathematics Day</b>	
1.	Notice
2.	Brochure of the Activity
3.	Report of the Event
4.	Media Coverage

**National Webinar (Online)**  
**आज के संदर्भ में वैदिक गणित की प्रासंगिकता**  
**3 सितंबर 2021**

**NOTICE**



**हिमाचल प्रदेश केंद्रीय विश्वविद्यालय**  
**Central University of Himachal Pradesh**  
(Established under Central Universities Act 2009)  
शाहपुर परिसर, शाहपुर, जिला काँगड़ा (हि.प्र.) - 176206  
Shahpur Parisar, Shahpur, Distt. Kangra (HP) - 176206  
Website: [www.cuhimachal.ac.in](http://www.cuhimachal.ac.in)



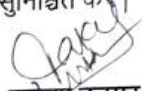
File No.: MTH/2-2/Workshop-Seminar/CUHP/21/

Dated: 03/09/2021

**सूचना**


हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर में श्रीनिवास रामानुजन गणित विभाग, गणित, कंप्यूटर और सूचना विज्ञान स्कूल द्वारा दिनांक 3 सितम्बर, 2021 को आज के संदर्भ में वैदिक गणित की प्रासंगिकता विषय पर "राष्ट्रीय वेबिनार" का आयोजन किया जा रहा है।

अतः श्रीनिवास रामानुजन गणित विभाग के सभी विद्यार्थियों एवम् शोधार्थियों को यह निर्देशित किया जाता है कि उपरोक्त वेबिनार के दौरान आयोजित अतिथि व्याख्यान में अपनी उपस्थिति सुनिश्चित करें।


  
प्रो. राकेश कुमार,  
विभागाध्यक्ष,  
श्रीनिवास रामानुजन गणित विभाग

निम्नलिखित को सूचनार्थ एवम् आगामी कार्यवाही हेतु प्रति अग्रेषित:-


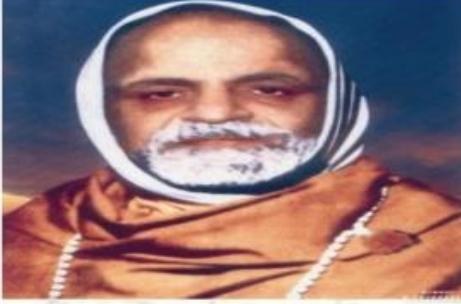
1. सूचना पट्ट।
2. सभी संकाय सदस्य, गणित, कंप्यूटर और सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर।
3. अधिष्ठाता, गणित, कंप्यूटर एवम् सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर।


  
विभागाध्यक्ष,  
श्रीनिवास रामानुजन गणित विभाग

## BROCHURE




राष्ट्रीय वेबिनार  
**आज के संदर्भ में वैदिक गणित की प्रासंगिकता**  
(03 सितंबर 2021)  
संयोजित  
वैदिक गणित अनुसंधान केंद्र (Centre for Vedic Mathematical Studies)  
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, हिमाचल प्रदेश  
शाहपुर परिसर, १७६२०६, हिमाचल प्रदेश, भारत







उद्घाटनकर्ता मुख्य अतिथि एवं मुख्य वक्ता,  
श्री अलुल कोठारी, राष्ट्रीय सचिव, शिक्षा  
संस्कृति उत्थान न्यास, नई दिल्ली




मुख्य संरक्षक एवं अध्याक्ष प्रो. (डॉ.) एस.पी.  
बंसल, माननीय कुलापति, सीयूएचपी,  
हिमाचल प्रदेश, भारत



श्री देश राज शर्मा, वक्ता, महामन्त्री विद्या  
भारती उत्तर क्षेत्र, अध्याक्ष- हिमालयन वैदिक  
गणितीय सोसायटी



डॉ. चेत राम गर्ग, निदेशक, नेरी शोध  
संस्थान



श्री गोपाल दास, शिक्षक, विद्या भारती उत्तर  
क्षेत्र, वैदिक प्रमुख, संस्कृत साहित्य-हिमालयन  
वैदिक गणितीय सोसायटी

**संयोजक**  
प्रो (डॉ) राकेश कुमार, प्रोफेसर एवं निदेशक, वैदिक  
गणित अनुसंधान केंद्र, सीयूएचपी

**आयोजन सचिव**  
डॉ. पंकज कुमार, सहायक प्रोफेसर, श्रीनिवास  
रामानुजन गणित विभाग, सीयूएचपी



## **REPORT OF THE WEBINAR**

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय का वैदिक गणित अनुसंधान केंद्र, गणित, कंप्यूटर और सूचना विज्ञान स्कूल के अंतर्गत, 3 सितंबर 2021 को “आज के संदर्भ में वैदिक गणित की प्रासंगिकता” विषय पर राष्ट्रीय वेबिनार का आयोजित किया गया। कार्यक्रम के आयोजन सचिव डॉ. पंकज कुमार के अनुसार इस वेबिनार का उद्देश्य शोधकर्ताओं और छात्रों के साथ-साथ देश के विभिन्न हिस्सों के शोधकर्ताओं और संकाय सदस्यों को वर्तमान परिदृश्य में वैदिक गणित की प्रासंगिकता से परिचित कराने के लिए एक आधार प्रदान करना था। इस आयोजन से हिमाचल प्रदेश के केंद्रीय विश्वविद्यालय के छात्र विशेष रूप से गणित, कंप्यूटर और सूचना विज्ञान स्कूल के छात्र बहुत लाभान्वित हुए।

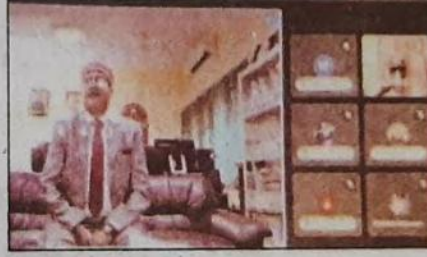
वेबिनार के संयोजक और वैदिक गणित अनुसंधान केंद्र के मानद निदेशक प्रो. राकेश कुमार ने बताया कि इस राष्ट्रीय वेबिनार में देश के विभिन्न हिस्सों से **1000** से अधिक प्रतिभागियों ने पंजीकरण किया। इस कार्यक्रम में माननीय कुलपति प्रो. सत प्रकाश बंसल जी ने स्वागत भाषण दिया, कार्यक्रम के मुख्य अतिथि एवं मुख्य वक्ता श्री अतुल भाई कोठारी, राष्ट्रीय सचिव, राष्ट्रीय संस्कृत उत्थान न्यास, नई दिल्ली ने प्रतिभागियों को वैदिक गणित की प्रासंगिकता से अवगत कराया, वक्ता श्री देश राज शर्मा, महामंत्री विद्या भारती उत्तर क्षेत्र, अध्यक्ष- हिमालयन वैदिक गणितीय सोसायटी ने नई शिक्षा नीति में वैदिक गणित की भूमिका तथा श्री गोपाल दास ने गणित के महत्व पर प्रकाश डाला। डॉ. चेताराम गर्ग जी ने विदाई सत्र को संबोधित किया एवं प्रो. राकेश कुमार ने धन्यवाद ज्ञापन प्रस्तुत किया।

## MEDIA COVERAGE

# वैदिक गणित में सर्टिफिकेट कोर्स राष्ट्रीय वेबिनार के दौरान सीयू के कुलपति बोले, सुविधा जल्द

दिव्य हिमाचल ब्यूरो-धर्मशाला

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के वैदिक गणित अनुसंधान केंद्र द्वारा आज के संदर्भ में वैदिक गणित की प्रासंगिकता विषय पर एक राष्ट्रीय वेबिनार का आयोजन किया गया। इसमें कुलपति प्रो. बंसल ने गणित, कम्प्यूटर और सूचना विज्ञान स्कूल के वैदिक गणित अनुसंधान केंद्र को वैदिक गणित में सर्टिफिकेट कोर्स शुरू करने की अनुमति प्रदान की है। इस वेबिनार में देश के विभिन्न भागों से लगभग 1700 प्रतिभागियों ने भाग लिया। वेबिनार का शुभारंभ सीयू के कुलपति प्रो. एसपी बंसल ने दीप प्रज्वलन कर किया।



उन्होंने वेबिनार की रूपरेखा के बारे में बताया और साथ ही भरोसा दिलाया कि दिसंबर माह में वैदिक गणित पर एक अंतरराष्ट्रीय सेमिनार का आयोजन विश्वविद्यालय द्वारा किया जाएगा। कुलपति बंसल ने गणित, कम्प्यूटर और सूचना विज्ञान स्कूल के वैदिक गणित अनुसंधान केंद्र को वैदिक गणित में सर्टिफिकेट कोर्स शुरू करने की अनुमति प्रदान की है। वैदिक

गणित भारतीय ज्ञान परंपरा पर आधारित पाठ्यक्रम है। कुलपति ने इसके लिए गणित विभाग के सभी सदस्यों को बधाई दी है। कार्यक्रम के मुख्य वक्ता अतुल कोठारी, राष्ट्रीय सचिव, शिक्षा संस्कृति उत्थान न्यास ने वर्तमान समय में वैदिक गणित की प्रासंगिकता से प्रतिभागियों को अवगत कराया। वेबिनार में प्रो. भाग चंद चौहान और डा. विक्रम सिंह विशेष रूप से उपस्थित रहे। वेबिनार के संयोजक प्रो. राकेश कुमार ने कहा कि इस कार्यक्रम से प्रदेश केंद्रीय विश्वविद्यालय के छात्र, विशेष रूप से गणित, कम्प्यूटर और सूचना विज्ञान स्कूल के छात्र लाभान्वित हुए।

## One Week National Workshop (Online)

**Title:** Principles of Vedic Mathematics

**Date:** 8-12 November 2021

### NOTICE



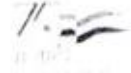
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
Central University of Himachal Pradesh

(Established under Central Universities Act 2009)

शाहपुर परिसर, शाहपुर, जिला कांगड़ा (हि.प्र.) - 176206

Shahpur Parisar, Shahpur, Distt. Kangra (HP) - 176206

Website: [www.cuhimachal.ac.in](http://www.cuhimachal.ac.in)



File No.: MTH/2-2/Workshop-Seminar/CUHP/21/

Dated: 08/12/2021

#### सूचना

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर में वैदिक गणित अनुसंधान केंद्र और श्रीनिवास रामानुजन गणित विभाग, गणित, कंप्यूटर और सूचना विज्ञान स्कूल द्वारा सामूहिक रूप से दिनांक दिनांक 08-12 नवंबर, 2021 तक "वैदिक गणित के सिद्धांत" विषय पर एक सप्ताह की ऑनलाइन राष्ट्रीय कार्यशाला का आयोजन किया जा रहा है।

अतः श्रीनिवास रामानुजन गणित विभाग के सभी विद्यार्थियों एवम् शोधार्थियों को यह निर्देशित किया जाता है कि उपरोक्त कार्यशाला के दौरान आयोजित अतिथि व्याख्यान में अपनी उपस्थिति सुनिश्चित करें।

प्रो. राकेश कुमार

संयोजक एवम् अधिष्ठाता,

गणित, कंप्यूटर विज्ञान एवं सूचना विज्ञानस्कूल

निम्नलिखित को सूचनार्थ एवम् आगामी कार्यवाही हेतु प्रति अग्रेषित:-

1. सूचना पट्ट।
2. सभी संकाय सदस्य, गणित, कंप्यूटर और सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर।
3. अधिष्ठाता, गणित, कंप्यूटर एवम् सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर।

संयोजक एवम् अधिष्ठाता,

गणित, कंप्यूटर विज्ञान एवं सूचना विज्ञानस्कूल

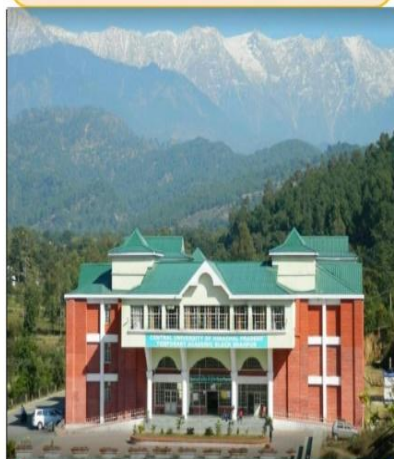


# BROCHURE

ONLINE ONE WEEK NATIONAL WORKSHOP ON  
**PRINCIPLES OF VEDIC MATHEMATICS**

08 November – 12 November, 2021

Organized by  
Centre for Vedic Mathematical Studies  
Srinivasa Ramamujan Department of Mathematics  
Central University of Himachal Pradesh  
Shalpur Parwar, Shalpur-176206, HP, India



## About the University

The Central University of Himachal Pradesh is established under the Central Universities Act 2009 (No. 25 of 2009) enacted by the Parliament. The University is funded and regulated by the University Grants Commission (UGC). The Central University of Himachal Pradesh strives for Inclusive Access to Excellence in Higher Education and Research to emerge as Premier University of the Country at par with the best Universities of the World in terms of Programme Offerings, Curricular Framework, Pedagogy, Research, Publications and Integration with the World of Work. For more details, please visit: [www.cuhimachal.ac.in](http://www.cuhimachal.ac.in)

## Organizing Committee

### Patron-In-Chief

Prof. S. P. Bansal, Hon'ble Vice Chancellor, CUHP

### Patron

Prof. Bhag Chand Chauhan, Coordinator, Shalpur Parwar, Shalpur, CUHP

### Convener

Prof. Rakesh Kumar, Dean, School of Mathematics, Computers and Information Sciences, CUHP

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Prof. Pradeep Kumar, Dean Student Welfare, CUHP

Prof. Vishal Sood, Registrar, CUHP

Prof. Deepak Pant, Dean, School of Earth Sciences and Environmental Sciences, CUHP

Prof. Ham Chand, Dean, School of Physical and Material Sciences, CUHP

Dr. Suman Sharma, Controller of Examinations, CUHP

Dr. Sunil Thakur, HOD, Department of Animal Sciences, CUHP

Dr. Dimple Patel, HOD, Department of Library and Information Science, CUHP

Shri Narendra Kumar, Finance Officer, CUHP

### Organizing Secretary:

Dr. Pankaj Kumar S/o Late Sh. Maniram, Srinivasa Ramamujan Department of Mathematics

### Co-Organizing Secretary:

Dr. Pankaj Kumar S/o Sh. Krishan Singh, Srinivasa Ramamujan Department of Mathematics

### Executive Committees

#### Opening and Closing Ceremony Management Committee:

Dr. Manohar, Faculty-Chairperson

Ms. Kavita Sood, Research Scholar-Member

Ms. Tanya Sharma, Research Scholar-Member

Ms. Shivani Aeri, Research Scholar-Member

#### Food and Refreshment Management Committee:

Dr. Pankaj Kumar S/o Sh. Krishan Singh, Faculty-Chairman

Mr. Manoj Chimes, Faculty-Member

Mr. Anuj Kumar, Research Scholar-Member

Mr. Manoj Kumar, Research Scholar-Member

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Dr. Shivarama Rao K., Faculty-Member

Mr. Girish Sharma-Member

Shri Vicky Bhardwaj-Member

Mr. Rohit Chimes-Member

Mr. Dhruv Kumar, Research Scholar-Member

#### Housing and Transport Committee:

Dr. Pramod Kumar, Faculty-Chairman

Dr. Keshav Singh Rawat, Faculty-Member

Dr. Pankaj Kumar S/o Late Sh. Maniram, Faculty-Member

Mr. Manoj Kumar, Faculty-Member

#### Secretariat:

Mr. Gaurav Chaudhary

Mr. Sarjit Kumar

Mr. Ranjit Singh

## Invited Speakers (Probable):

Sh. Atul Kothari, Main Speaker, National Secretary, Shiksha Sanskriti Uththan Niyas, New Delhi

Sh. Rakesh Bhatia, National Co-coordinator, Shiksha Sanskriti Uththan Niyas, New Delhi

Dr. Sri Ram Chauthaiwale, Retired Lecturer, Amolakchand College, Yavatmal, Amravati University, Maharashtra.

Dr. Kalish Vishwakarma, Associate Professor and Head Physics Department, BNG College Rath Hamirpur, Uttar Pradesh

Sh. Gopal Dass, Teacher, GMS, Bhadravati, Distt. Mandi, H.P.

Sh. Mahesh Sharma, Principal, Rana Munshi Ram Sarvshikari Vidya Mandir, Sirhind, Punjab

## Registration Details

Participants can register online through the given following Google form link before 7 November 2021:

<https://forms.gle/xRMMUwYAU1Jc0b09>

The workshop will be conducted through online mode via following Facebook link as given below:

Facebook Page: <https://www.facebook.com/cuhpwc>

## Note:

- ⇒ No Registration Fee.
- ⇒ Minimum 80% attendance will be required.
- ⇒ Participants are required to submit the feedback after the end of each technical session of the workshop.
- ⇒ Participants will receive an E certificate only provided, they submit minimum 80% feedback form.

## TARGET AUDIENCE

The faculty members, research scholars and PG students from the different institutions and industry.

## Contact Persons

Dr. Pankaj Kumar S/o Late. Shri Maniram,

Mobile No: 9540344621, Email Id: [plumar240183@gmail.com](mailto:plumar240183@gmail.com)

Dr. Pankaj Kumar S/o Sh. Krishan Singh,

Mobile No: 7018547330, Email Id: [pankajthakur28.85@gmail.com](mailto:pankajthakur28.85@gmail.com)

## **REPORT OF THE WORKSHOP**

A One Week National Workshop on “Vedic Ganit Ke Siddhant” today begins at the Shahpur Parisar of the Central University of Himachal Pradesh. This event is jointly organized by the Centre for Vedic Mathematical Studies and Srinivasa Ramanujan Department of Mathematics of the School of Mathematics, Computers & Information Sciences, which will run from 8th November to 12th November 2021. The Inaugural session of the workshop started with the lighting of the lamp and Saraswati Vandna.

Shri Atul Bhai Kotari, National Co-ordinator, Shiksha Sanskriti Utthan Nyas, New Delhi was the chief Guest of the inaugural session of the workshop. This session was presided over by Prof. S.P. Bansal, Hon’ble Vice-Chancellor of Central University of Himachal Pradesh. Prof. S. P. Bansal honoured the chief guest by presenting a traditional Himachali shawl and Topi. Prof Rakesh Kumar, Convener of the Workshop welcomed the Hon’ble Vice-Chancellor of CUHP by presenting a traditional Himachali shawl and Topi.

Shri Atul Bhai Kothari in his talk stressed to start the academic discussion on the principles of vedic mathematics to make this knowledge reachable to the common masses which will simultaneously help in the generalization of the theories of Vedic Mathematics. He also urged the mathematicians/researchers of the University to write independent books on Rekha Ganit, Ank Ganit and Beej Ganit to contribute in the existing knowledge of vedic mathematics. He motivated the researchers to do research in this field to generalize the existing theories of vedic mathematics.

Prof. S.P. Bansal in his presidential address said that Vedic Mathematics is a quicker way of learning the things through the mental calculations which are fast as well as accurate as the computer. He also said that it will make the mathematics more interesting among the students.

Prof. Bansal said that people in ancient times were more active and fast in mental calculations without any formal basic education, so in present time Vedic mathematics can help us in maintaining the standards of fast mental calculations and decisions. He promised to start Diploma Course as well as other courses in Vedic Mathematics very soon. In the first technical session, Sh. Rakesh Bhatia, the speaker of the workshop formally introduced the multiplication sutras of vedic mathematics and discussed its need in the present scenario.

According to the Organising secretary of the workshop, Dr.Pankaj Kumar more than 1000 participants are participating in this workshop from different parts of the country. Co-organising secretary, Dr.Pankaj Kumar said that this event will provide the foundational knowledge of vedic mathematics, which can be implemented and generalized at different levels of learning. Prof Rakesh Kumar Dean School of Mathematics, Computers & Information Sciences said that in the present time we are lesser interested in mesmerizing

the things and try to depend ourselves on the technology for each and every activity of our personal and professional life. Though it is not a good practice, and at the later stage it will hamper the creativity of the mind. He said that this workshop will help in creating the coordination between the mind and the computer by activating the neuro cells of the mind through different sutras of Vedic Mathematics.

Prof. B.C. Chauhan Coordinator ShahpurParisar, Prof. Pardeep Kumar, Dean Student Welfare, Dr.Suman Sharma Controller of Examinations were also present in the inaugural session along with Prof. O.S.K.S. Sastri, Prof. Hum Chand, Dr Sunil Kumar, Dr Mahesh Kulharia, Dr Sachin Kumar Srivastava, Dr.Meenakshi, and other faculty members of the Shahpur Parisar.



## MEDIA COVERAGE

# सही क्रियान्वयन से ही सफल होगी शिक्षा नीति

सीयू के धौलाधार परिसर में राष्ट्रीय संगोष्ठी, 2025 तक 50 फीसद विद्यार्थी अर्जित करेंगे व्यावसायिक शिक्षा

जागरण संवाददाता, धर्मशाला : हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय के धौलाधार परिसर में राष्ट्रीय संगोष्ठी का आयोजन किया गया। राष्ट्रीय शिक्षा नीति 2020 का क्रियान्वयन विषय पर आयोजित संगोष्ठी में बतौर मुख्य वक्ता शिक्षा संस्कृति उत्थान न्यास नई दिल्ली के राष्ट्रीय सचिव अतुल कोठारी ने शिरकत की। इस दौरान विवि के कुलपति प्रो. सत प्रकाश बंसल भी मौजूद रहे। शिक्षा संस्कृति उत्थान न्यास व हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय धर्मशाला के बीच एक समझौता ज्ञापन पर भी हस्ताक्षर किए गए।

अतुल कोठारी कहा कि विश्वविद्यालय स्तर पर क्रियान्वयन समितियों का गठन, विश्वविद्यालय में संगोष्ठी, ई-संगोष्ठी एवं कार्यशाला आदि का आयोजन, संकाय विकास कार्यक्रम का आयोजन, कलस्टर बनाकर क्रियान्वयन की योजना, इसके साथ ही छात्रों को नीति सफल बनाने के लिए इसके साथ जोड़ना होगा। स्नातक स्तर पर चार वर्ष एवं संरचना में बदलाव की दृष्टि से पाठ्यक्रम के स्वरूप में बदलाव मुख्य विषय व इलेक्टिव विषय के समूहों का निर्धारण करना होगा। 150,



केन्द्रीय विवि में संगोष्ठी के मुख्य वक्ता अतुल कोठारी को सम्मानित करते कुलपति प्रोफेसर सत प्रकाश बंसल ● जागरण

वर्ष बाद भारतीय संस्कृति के अनुरूप शिक्षा नीति तैयार की गई है। भारत की आजादी के बाद यह तीसरी शिक्षा नीति है। हालांकि इससे पहले भी 1968 और 1986 में शिक्षा नीति आई थी, लेकिन ये दोनों ही भारतीय समग्रता के भाव से दूर थीं। नई राष्ट्रीय शिक्षा नीति में शिक्षा के अलग-अलग स्तरों पर सभी विषयों में भारतीय ज्ञान परंपरा, कला, संस्कृति एवं मूल्यों का समावेश की बात कही गई है। स्वतंत्रता के पश्चात पहली बार ऐसा हुआ है कि सामाजिक-आर्थिक रूप से पिछड़े वर्ग के छात्रों में शिक्षा को बढ़ावा देने के लिए विशेष शिक्षा

## वैदिक गणित के सिद्धांतों पर हुआ मंथन

जागरण संवाददाता, धर्मशाला : वैदिक गणित के सिद्धांत विषय पर पांच दिवसीय राष्ट्रीय कार्यशाला हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय के शाहपुर परिसर में सोमवार को शुरू हुई। यह कार्यक्रम गणित, कंप्यूटर और सूचना विज्ञान स्कूल के अंतर्गत वैदिक गणित अनुसंधान केंद्र और श्रीनिवास रामानुजन गणित विभाग की ओर से आयोजित किया जा रहा है।

मुख्य वक्ता अतुल भाई कोठारी ने वैदिक गणित के सिद्धांतों पर अकादमिक चर्चा शुरू करने पर जोर दिया। उन्होंने विश्वविद्यालय के गणितज्ञ/शोधकर्ताओं से वैदिक गणित के मौजूदा ज्ञान में

### कार्यक्रम

- केन्द्रीय विवि में वैदिक गणित के सिद्धांत विषय पर कार्यशाला शुरू
- वीसी ने डिप्लोमा पाठ्यक्रम शुरू करने का दिया भरोसा

योगदान देने के लिए रेखा गणित, अंक गणित और बीजगणित पर स्वतंत्र पुस्तकें लिखने का भी आग्रह किया। उन्होंने शोधकर्ताओं को इस क्षेत्र में शोध करने के लिए प्रेरित किया।

सीयू के कुलपति प्रो. एसपी बंसल ने बहुत जल्द वैदिक गणित में डिप्लोमा पाठ्यक्रम के साथ-साथ अन्य पाठ्यक्रम शुरू करने का भी

भरोसा दिलाया।

उन्होंने कहा कि वैदिक गणित मानसिक गणनाओं के माध्यम से चीजों को सीखने का तेज और आसान तरीका है जो कि कंप्यूटर की तरह तेज होने के साथ सटीक भी है। उन्होंने कहा कि वैदिक गणित छात्रों के बीच गणित को रोचक और दिलचस्प बनाएगा।

प्राचीन काल में लोग बिना किसी औपचारिक बुनियादी शिक्षा के भी मानसिक गणना में अधिक सक्रिय और तेज थे, इसलिए वर्तमान में वैदिक गणित हमें तेज मानसिक गणना करने और निर्णयों के मानकों को बनाए रखने में मदद कर सकता है।

क्षेत्र की स्थापना की जाएगी। भारतीय भाषाओं में शिक्षण देने वाले उच्च शिक्षा संस्थानों को बढ़ावा दिया जाएगा। 2025 तक कालेज, विवि स्तर के 50 फीसद छात्र व्यावसायिक शिक्षा का ज्ञान अर्जित करेंगे। आगामी एक दशक में व्यावसायिक शिक्षण को धीरे-धीरे मुख्य शिक्षा की धारा में ही

समावेश किया जाएगा। शिक्षा नीति के पूर्णतः लागू किए जाने को लेकर आचार्यों का योगदान काफी महत्वपूर्ण रहेगा। सबसे पहले उन्हें इस नीति का अध्ययन करना होगा।

इस मौके पर कुलपति के निजी सचिव प्रो. अंबरीश महाजन, अधिष्ठाता छात्र कल्याण प्रो. प्रदीप

कुमार, निदेशक जनसंपर्क एवं परीक्षा नियंत्रक डा. सुमन शर्मा वित्त अधिकारी नरेंद्र कुमार, परिसर समन्वयक प्रो. मनोज कुमार सर्वेक्षण मौजूद रहे।

कांगड़ा जिले की खबरें

www.jagran.com पर पढ़ें

# केंद्रीय विश्वविद्यालय में वैदिक गणित के सिद्धांत पर कार्यशाला

नगर संवाददाता-धर्मशाला

वैदिक गणित के सिद्धांत विषय पर एक सप्ताह की राष्ट्रीय कार्यशाला हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के शाहपुर परिसर में सोमवार से शुरू हुई। यह कार्यक्रम संयुक्त रूप से गणित, कम्प्यूटर और सूचना विज्ञान स्कूल के अंतर्गत वैदिक गणित अनुसंधान केंद्र और श्रीनिवास रामानुजनगणित विभाग के द्वारा आयोजित की जा रही है, जो कि 12 नवंबर 2021 तक चलेगी। कार्यशाला के उद्घाटन सत्र की शुरुआत दीप प्रज्वलन व सरस्वती वंदना के साथ हुई। अतुल भाई कोठारी राष्ट्रीय समन्वयक, शिक्षा संस्कृति उत्थान

न्यास, नई दिल्ली कार्यशाला के उद्घाटन सत्र के मुख्य अतिथि रहे। इस सत्र की अध्यक्षता हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय के कुलपति प्रो. एसपी बंसल ने की। प्रो. एसपी बंसल ने पारंपरिक हिमाचली शाल और टोपी भेंट कर मुख्यातिथि को सम्मानित किया। कार्यशाला के संयोजक प्रो. राकेश कुमार ने पारंपरिक हिमाचली शाल और टोपी भेंट कर सीयूएचपी के कुलपति का स्वागत किया। अतुल भाई कोठारी ने अपने भाषण में वैदिक गणित के सिद्धांतों पर अकादमिक चर्चा शुरू करने पर जोर दिया, ताकि इस ज्ञान को आम जनता तक पहुंचाया जा सके।

## Celebration of National Mathematics Day

Date: Dec 22, 2021

### NOTICE



हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
(Established under Central Universities Act 2009)  
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75  
आज़ादी का  
अमृत महोत्सव

File No.: MTH/2-2/Workshop-Seminar/CUHP/21/ 387-390

Dated: 13.12.2021

### सूचना

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर में श्रीनिवास रामानुजन गणित विभाग और, वैदिक गणित अनुसंधान केंद्र, गणित, कंप्यूटर और सूचना विज्ञान स्कूल द्वारा दिनांक 22 दिसम्बर, 2021 को "राष्ट्रीय गणित दिवस" समारोह का सामूहिक रूप से आयोजन किया जा रहा है, जिसका विवरण निम्न प्रकार से है:-

राष्ट्रीय गणित दिवस 22 दिसंबर 2021			
सत्र	समय	गतिविधि का नाम	गतिविधि समन्वयक
दोपहर के भोजन से पहले का सत्र	09:00 - 10:00 पूर्वाह्न	गणितीय रंगोली (समूह आधारित)	डॉ. मीनाक्षी
	10:00 - 10:30 पूर्वाह्न	पाई अंक प्रतियोगिता (व्यक्तिगत आधारित)	डॉ. सचिन श्रीवास्तव
	10:30 - 11:30 पूर्वाह्न	गणितीय प्रश्नोत्तरी (समूह आधारित)	डॉ. सचिन श्रीवास्तव
	11:30 - 12:30 अपराह्न	गणितीय वार्ता: भारतीय ज्ञान प्रणाली (व्यक्तिगत आधारित)	डॉ. सचिन श्रीवास्तव
	12:30 - 01:30 अपराह्न	गणितीय डम्ब शराज़ (समूह आधारित)	डॉ. मीनाक्षी
दोपहर का भोजनावकाश	01:30 - 02:30 अपराह्न		
दोपहर के भोजन के बाद का सत्र	02:30 - 03:00 अपराह्न	गणितीय मॉडल (समूह/ व्यक्तिगत आधारित)	डॉ. पंकज कुमार (सुपुत्र श्री कृष्ण सिंह)
	03:00 - 03:30 अपराह्न	पोस्टर प्रस्तुति (समूह/ व्यक्तिगत आधारित)	डॉ. पंकज कुमार (सुपुत्र स्व. श्री. मणिराम)
	03:30 - 04:00 अपराह्न	अध्यक्षीय संबोधन : माननीय कुलपति महोदय	
	04:00 - 05:00 अपराह्न	मुख्य अतिथि /वक्ता: श्री देशराज शर्मा जी	
विदाई सत्र	05:00 - 05:30 अपराह्न	पुरस्कार वितरण	

सभी विद्यार्थियों को यह निर्देशित किया जाता है कि किसी भी गतिविधि में के बारे में अधिक जानकारी तथा भाग लेने हेतु सम्बंधित गतिविधि समन्वयक से संपर्क करें।

13.12.2021

प्रो. राकेश कुमार  
संयोजक एवम् अधिष्ठाता,  
गणित, कंप्यूटर विज्ञान एवं सूचना विज्ञान स्कूल

निम्नलिखित को सूचनार्थ एवम् आगामी कार्यवाही हेतु प्रति अग्रेषित:-

1 सूचना पड।



## BROCHURE



### SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS & CENTRE FOR VEDIC MATHEMATICAL STUDIES

75  
आज़ादी का  
अमृत महोत्सव

are celebrating  
134<sup>th</sup> Birth Anniversary of "Srinivasa Ramanujan"  
as

### "NATIONAL MATHEMATICS DAY-2021"



SIR, AN EQUATION HAS NO  
MEANING FOR ME UNLESS IT  
EXPRESSES A THOUGHT OF  
GOD.

- SRINIVASA RAMANUJAN -

ON THIS OCCASION WE ARE ORGANIZING AN EXPERT LECTURE BY MR. DESH RAJ SHARMA  
AND THE FOLLOWING STUDENT BASED ACTIVITIES :

NATIONAL

- Mathematical Rangoli
- Pi-Digit Contest

BY ADVISORS

- Mathematical Quiz
- Mathematical Talk-(IKS)

DATE

- Mathematical Dumb Charades
- Model & Poster Presentation

## REPORT

हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय के श्रीनिवास रामानुजन गणित विभाग और वैदिक गणितीय अनुसन्धान केंद्र ने संयुक्त रूप से महान भारतीय गणितज्ञ-श्रीनिवास रामानुजन की जयंती पर 22 दिसम्बर 2021 को राष्ट्रीय गणित दिवस समारोह का आयोजन किया। राष्ट्रीय गणित दिवस समारोह की अध्यक्षता हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय के माननीय कुलपति आचार्य सत प्रकाश बंसल जी ने की। उन्होंने अपने संबोधन में कहा कि 1887 में तमिलनाडु के इरोड शहरमें जन्मे विश्व प्रसिद्ध गणितज्ञ श्रीनिवास रामानुजन का जीवन एक विस्मयकारी यात्रा थी जिसमें रामानुजन ने न केवल कई गणितीय सिद्धांतों को सुलझाया बल्कि उन्हें उस समय के महानतम गणितज्ञों के समक्ष भी रखा। कुलपति महोदय ने रामानुजन के मैजिक नंबर 1729 का भी जिक्र किया और कहा कि गणित के क्षेत्र में श्रीनिवास रामानुजन का योगदान अतुलनीय है जिसको कि भुलाया नहीं जा सकता। उन्होंने सभी प्रतिभागियों को अपना सुभाषीष प्रदान किया और उनके उज्ज्वल भविष्य की कामना की। माननीय कुलपति महोदय ने कहा कि इस तरह के कार्यक्रम विश्वविद्यालय के सभी विभागों में होते रहने चाहिए ताकि विद्यार्थियों का सर्वांगीण विकास हो सके।

समारोह के मुख्य अतिथि तथा मुख्य वक्ता श्री देश राज शर्मा, उत्तर क्षेत्र संगठन मंत्री, विद्या भारती ने श्रीनिवास रामानुजन के गणित में योगदान से प्रतिभागियों तथा संकाय सदस्यों को अवगत कराया। उन्होंने कहा कि देशभर में गणित विषय में उत्तीर्ण होने की प्रतिशतता अन्य विषयों से कम रहती है, जिसका सबसे बड़ा कारण गणित को व्यवहार में नहीं उतार पाना है। उनके अनुसार वर्तमान में जब तक गणित विषय को व्यवहार में नहीं उतारा जाता और भारतीय ज्ञान परम्परा से नहीं जोड़ा जाता तब तक ये समस्या बनी रहेगी।

राष्ट्रीय गणित दिवस के इस समारोह में भारतीय ज्ञान परम्परा पर आधारित विभिन्न छात्र उन्मुख गतिविधियों जैसे कि गणितीय डंब सराज , गणितीय मॉडल , पोस्टर प्रस्तुति, गणितीय रंगोली , पाई अंक प्रतियोगिता , गणितीय प्रश्नोत्तरी और गणितीय वार्ता का आयोजन किया गया, जिनका मुख्य उद्देश्य छात्र एवं छात्राओं को प्रोत्साहित करना तथा उनके अंदर छुपी हुई गणितीय प्रतिभा को उजागर करना था। विभाग के सभी छात्र-छात्राओं ने विभिन्न गतिविधियों में बढ़-चढ़कर हिस्सा लिया और अपनी प्रतिभाओं का श्रेष्ठ प्रदर्शन किया।

समारोह में आयोजित सभी गतिविधियों में प्रथम , द्वितीय और तृतीय पुरस्कार पाने वाले प्रतिभागियों को मुख्य अतिथि श्री देश राज शर्मा एवं विभागाध्यक्ष एवं कार्यक्रम संयोजक आचार्य राकेश कुमार द्वारा सम्मानित किया गया। आयोजन सचिव डॉ मीनाक्षी ने अतिथियों तथा प्रतिभागियों का धन्यवाद ज्ञापित किया। इस समारोह को सफल बनाने में गणित विभाग के सभी प्राध्यापकों, शोध छात्रों तथा विद्यार्थियों का सराहनीय योगदान रहा। विभिन्न प्रतियोगिताओं में निम्नलिखित पुरस्कार प्रदान किये गए:

**पाई अंक प्रतियोगिता** में प्रथम, द्वितीय तथा तृतीय पुरस्कार क्रमशः अनिल कुमार, अनिकेता और डिंपल चौहान को क्रमशः 110, 106 और 104 दशमलव स्थान तक पाई अंको के मान को सही से लिखने के कारण मिला।

**गणितीय वार्ता** में पिपयूष शर्मा ने प्राचीन भारतीय ज्ञान परम्परा विषय पर प्रथम पुरस्कार प्राप्त किया, कनु चौधरी ने गणित का दर्शनशास्त्र विषय पर द्वितीय पुरस्कार प्राप्त किया जबकि भारतीय गणित का योगदान विषय पर तृतीय पुरस्कार शौर्य कँवर को मिला।

समूह आधारित प्रतियोगिता **गणितीय रंगोली** में समूह डी के प्रतिभागियों आर्यन राणा, कमलेश कुमार सिद्धार्थ शर्मा, दीपांशु, डिंपल चौहान और दीक्षित ने प्रथम पुरस्कार प्राप्त किया। द्वितीय पुरस्कार समूह ए. से कनिका, श्रुति नरयाल, नेहा देवी, राहुल, शौर्य कँवर और शाइनी ठाकुर के नाम रहा जबकि तृतीय पुरस्कार समूह बी. से कनु चौधरी, इंदु बाला, पूनम और ज्योति रानी ने प्राप्त किया।

**गणितीय प्रश्नोत्तरी** में **प्रथम पुरस्कार** समूह डी से डिंपल चौहान, दीपांशु, हरदीप कौर और कनिका को मिला। **द्वितीय पुरस्कार** समूह ई से पियूष शर्मा, कनु चौधरी, कमलेश कुमार मनिंदर सिंह ने प्राप्त किया जबकि **तृतीय पुरस्कार** समूह सी से कात्यायनी, शाइनी ठाकुर, श्रुति नरयाल और आर्यन राणा के नाम रहा।

**गणितीय डंब सराज** में **प्रथम पुरस्कार** समूह ए से सोनू कुमार, बेसर सिंह, शिवानी धीमान और इंदु बाला को मिला जबकि **द्वितीय पुरस्कार** समूह बी से प्रीति, अन्वना, शिवानी और पब्लिश के नाम रहा। **तृतीय पुरस्कार** समूह डी से मनिंदर सिंह, लक्ष्मी नारायण, अखिल और कात्यायनी के नाम रहा।

**गणितीय मॉडल** में समूह डेल्टा से पियूष शर्मा और सिद्धार्थ शर्मा को **प्रथम पुरस्कार**, समूह बीटा से गार्गी ठाकुर को **द्वितीय पुरस्कार** तथा समूह गामा से शौर्य कँवर को **तृतीय पुरस्कार** मिला।

**पोस्टर प्रस्तुति** में समूह सी से अंशिका और वैशाली को **प्रथम पुरस्कार** समूह बी से इंदु बाला और नेहा, ठाकुर को **द्वितीय पुरस्कार** और समूह ई से कनु चौधरी को **तृतीय पुरस्कार** मिला।



# गणितीय प्रश्नोत्तरी में डिम्पल चौहान, दीपांशु, हरदीप कौर व कनिका प्रथम

## राष्ट्रीय गणित दिवस समारोह का आयोजन

धर्मशाला, 23 दिसम्बर (नवीन): हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय के श्रीनिवास रामानुजन गणित विभाग और वैदिक गणितीय अनुसंधान केंद्र की ओर से संयुक्त रूप से भारतीय गणितज्ञ श्रीनिवास रामानुजन की जयंती पर राष्ट्रीय गणित दिवस समारोह का आयोजन किया। समारोह की अध्यक्षता केन्द्रीय विश्वविद्यालय के कुलपति प्रो. सत प्रकाश बंसल ने की। उन्होंने कहा कि गणित के क्षेत्र में श्रीनिवास रामानुजन का योगदान अतुलनीय है। समारोह के मुख्यातिथि तथा मुख्य वक्ता देश राज शर्मा, उत्तर क्षेत्र संगठन मंत्री विद्या भारती ने श्रीनिवास रामानुजन के गणित में योगदान से प्रतिभागियों तथा संकाय सदस्यों को अवगत कराया। भारतीय ज्ञान परम्परा पर आधारित विभिन्न छत्र उन्मुख गतिविधियों का आयोजन किया गया। इसके विजेता प्रतिभागियों को मुख्यातिथि देश राज शर्मा एवं



धर्मशाला : समारोह के बाद प्रतिभागी विजेता और अन्य विद्यार्थी प्राध्यापकों के साथ सामूहिक चित्र में।

कार्यक्रम संयोजक आचार्य राकेश कुमार ने सम्मानित किया।

पाई अंक प्रतियोगिता में प्रथम, द्वितीय तथा तृतीय पुरस्कार क्रमशः अनिल कुमार, अनिकेता और डिम्पल चौहान को क्रमशः 110, 106 और 104 दशमलव स्थान तक पाई अंकों के मान को सही से लिखने के कारण मिला। गणितीय वार्ता में पियूष शर्मा ने प्राचीन भारतीय ज्ञान परम्परा विषय पर प्रथम पुरस्कार प्राप्त किया। कनु चौधरी ने गणित का दर्शनशास्त्र विषय पर द्वितीय पुरस्कार प्राप्त किया। भारतीय गणित का योगदान विषय पर तृतीय

पुरस्कार शौर्य कंवर को मिला। समूह आधारित प्रतियोगिता गणितीय रंगोली में समूह डी के प्रतिभागियों आर्यन राणा, कमलेश कुमार, सिद्धार्थ शर्मा, दीपांशु, डिंपल चौहान और दीक्षित ने प्रथम पुरस्कार प्राप्त किया। गणितीय प्रश्नोत्तरी में प्रथम पुरस्कार समूह डी से डिम्पल चौहान, दीपांशु, हरदीप कौर व कनिका को मिला। गणितीय डंब सराज में प्रथम पुरस्कार समूह ए से सोनू कुमार, बेसर सिंह, शिवानी धीमान और इंदु बाला को प्राप्त हुआ। गणितीय मॉडल में समूह डेल्टा से पीयूष शर्मा और सिद्धार्थ शर्मा को

प्रथम पुरस्कार, समूह बीटा से गार्गी ठाकुर को द्वितीय पुरस्कार तथा समूह गामा से शौर्य कंवर को तृतीय पुरस्कार मिला। पोस्टर प्रस्तुति में समूह सी से अंशिका और वैशाली को प्रथम पुरस्कार, समूह बी से इंदु बाला और नेहा ठाकुर को द्वितीय पुरस्कार और समूह ई से कनु चौधरी को तृतीय पुरस्कार मिला।

नगरोटा बगवां (स.ह.):

राजकीय महाविद्यालय नगरोटा बगवां में वीरवार को गणित विभाग के सौजन्य से गणित दिवस मनाया गया जिसमें प्राचार्य डा. अशोक चौधरी ने बतौर मुख्यातिथि शिरकत की। इस दौरान क्विज प्रतियोगिता में शिवांश की टीम ने पहला स्थान प्राप्त किया जिसमें विशाल, तुषार व रक्षक ने भी भाग लिया। पोस्टर मेकिंग प्रतियोगिता में मनु, अमीषा और तनुशी ने पहला स्थान प्राप्त किया।

भाषण प्रतियोगिता में अनुष्का ने पहला, पूनम ने दूसरा और इशिता ने तीसरा स्थान प्राप्त किया। विजेता बच्चों को पुरस्कृत किया गया।

तांशु निशापित

## Criteria - 5: Student Support and Progression

### Seminar/ Workshop details - 2022



**Srinivasa Ramanujan Department of Mathematics**

**School of Mathematics, Computers and Information Sciences**

**Central University of Himachal Pradesh**

Shahpur, Dist. Kangra

Himachal Pradesh – 176206 India

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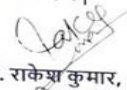


# National Webinar on the occasion of CUHP's foundation week celebrations (Online)

**Title:** Cryptography and Cyber Security

**Date:** Jan 30, 2022

## NOTICE

 	
<b>हिमाचल प्रदेश केंद्रीय विश्वविद्यालय</b> <b>Central University of Himachal Pradesh</b> (Established under Central Universities Act, 1956) शाहपुर परिसर, शाहपुर, जिला कांगड़ा (हि.प्र.) - 176206 Shahpur Parisar, Shahpur, Distt. Kangra (HP) - 176206 Website: www.cuhimachal.ac.in	
File No.: CUHP/2/Workshop/Seminar/CUHP/21/	Dated: 29.01.2022
<b>सूचना</b>	
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के श्रीनिवास रामानुजन गणित विभाग, गणित, कंप्यूटर और सूचना विज्ञान स्कूल द्वारा विश्वविद्यालय स्थापना सप्ताह (20-31 जनवरी, 2022) के उपलक्ष्य में निम्नलिखित विवरण के अनुसार ऑनलाइन माध्यम से वेबिनार (Webinar) का आयोजन किया जा रहा है:-	
<b>Date:</b> 30 <sup>th</sup> January, 2022	<b>Date:</b> 30 <sup>th</sup> January, 2022
<b>Time:</b> 03:00 PM to 04:00 PM	<b>Time:</b> 04:00 PM to 05:00 PM
<b>Topic of lecture:</b> Role of Machine Learning in Cyber Security	<b>Topic of lecture:</b> Blockchain for IoT Applications: Research Challenges and Solution
<b>Speaker:</b> Dr. Saibal Kumar Pal, Scientist G & Divisional Head, DRDO, Scientific Analysis Group, Delhi	<b>Speaker:</b> Prof. Neeraj Kumar, Professor, Department of Computer Science and Engineering, Thapar Institute of Engineering and Technology, Patiala, Punjab
अतः श्रीनिवास रामानुजन गणित विभाग के सभी विद्यार्थियों एवं शोधार्थियों को यह निर्देशित किया जाता है कि उपरोक्त वेबिनार के दौरान आयोजित अतिथि व्याख्यान में अपनी उपस्थिति सुनिश्चित करें।	
 प्रो. राकेश कुमार, विभागाध्यक्ष, श्रीनिवास रामानुजन गणित विभाग	
निम्नलिखित को सूचनार्थ एवं आगामी कार्यवाही हेतु प्रति अग्रेषित:-	
1. सूचना पट्ट। 2. सभी संकाय सदस्य, गणित, कंप्यूटर और सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर। 3. अधिष्ठाता, गणित, कंप्यूटर एवं सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर।	

# **BROCHURE**



## Central University of Himachal Pradesh

On the Occasion of CUHP Foundation Week Celebration  
Online One Day National Webinar  
On  
**Cryptography and Cyber Security**  
30 Jan 2022 at 2.30 PM



**Dr. Saibal Kumar Pal**, Eminent Speaker  
Senior Scientist, DRDO

**Prof. S. P. Bansal**, Chief Guest  
Hon'ble Vice Chancellor, CUHP

**Prof. Neeraj Kumar**, Eminent Researcher and  
Speaker, Thapar University



**Prof. Rakesh Kumar**,  
Head and Dean

**Prof. A. K. Mahajan**,  
Co-ordinator, Founday Week Celebration

**Prof. Pradeep Kumar**,  
Dean Student Welfare, CUHP

Google Meet Link for the Webinar: <https://meet.google.com/qvf-iqbw-dje>

Convener : Dr. Pankaj Kumar S/o LT. Maniram , In-charge and Assistant Professor, SRDM

Organizing Secretary: Mr. Ajay Kumar, Assistant Professor, CSI

Dr. Pankaj Kumar S/o Shri Krishan Singh , Assistant Professor, SRDM

Organizing Committee members: Dr. Sachin Kumar Srivastava , Assistant Professor, SRDM

Dr. Meenakshi, Assistant Professor, SRDM

**Organized by**  
Srinivasa Ramanujan Department of Mathematics  
Central University of Himachal Pradesh  
Shahpur Parisar, Shahpur-176206, HP, India

## **REPORT OF WEBINAR**

A one day online National Webinar on “**Cryptography and Cyber Security**” successfully completed on 30<sup>th</sup> January, 2022 at the Shahpur Parisar of the Central University of Himachal Pradesh on the occasion of **Foundation week celebration of CUHP**. This webinar was organized by the Srinivasa Ramanujan Department of Mathematics, School of Mathematics, Computers and Information Sciences.

The Basic objective of the program to give students and researchers an exposure to give different aspect of research in Cryptography and Cyber Security. Our lives is depends on the internet technology in the present scenario. Due to excess of the technology, the rate of cyber-crime is increasing. Cyber Security is the main aspect to overcome the cyber-crime. More research is needed in the field of Cyber Security.

Dr. Pankaj Kumar S/o Lt. Maniram was the Convener of the event. Dr. Pankaj Kumar S/o Sh. Krishan Singh and Mr. Ajay Kumar were the organizing secretaries of the webinar. Dr. Sachin Kumar Srivastava and Dr. Meenakshi were the members of the Organizing Committee of the Webinar. M.Sc. 2<sup>nd</sup> year student, Ms. Katyayni was the anchor of the Webinar.

The Webinar was inaugurated on 30<sup>th</sup> January, 2022 at 02:30 PM through online mode by the Chief Guest Prof. Vishal Sood, Registrar, Central University of Himachal Pradesh, Dharamshala. The Webinar was started by the lighting of lamp and Saraswati Vandna.



**National Webinar on the occasion of CUHP's foundation week celebrations**  
**Title: Research in Vedic Mathematics**

**Date: Jan 31, 2022**

**NOTICE**



**हिमाचल प्रदेश केंद्रीय विश्वविद्यालय**  
**Central University of Himachal Pradesh**  
(Established under Central Universities Act 2009)  
शाहपुर परिसर, शाहपुर, जिला कांगड़ा (हि.प्र.) - 176206  
Shahpur Parisar, Shahpur, Distt. Kangra (HP) - 176206  
Website: [www.cuhimachal.ac.in](http://www.cuhimachal.ac.in)



File No.: CVMS/2-2/Workshop-Seminar/CUHP/21/109-121

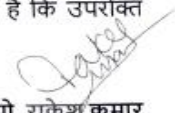
Dated: 28.01.2022

**सूचना**

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के वैदिक गणित अनुसंधान केंद्र, गणित, कंप्यूटर और सूचना विज्ञान स्कूल द्वारा निम्नलिखित विवरण के अनुसार ऑनलाइन माध्यम से वेबिनार (Webinar) का आयोजन किया जा रहा है:-

<b>Date:</b> 31 <sup>st</sup> January, 2022	<b>Date:</b> 31 <sup>st</sup> January, 2022
<b>Time:</b> 10:00 AM to 11:00 AM	<b>Time:</b> 11:00 AM to 12:00 PM
<b>Topic of lecture:</b> Research Areas in Vedic Mathematics	<b>Topic of lecture:</b> Research Tools for beginner in Vedic Mathematics
<b>Speaker:</b> Sh. Rakesh Bhatia, National Coordinator of Vedic Mathematics, Shiksha Sanskriti Uthan Nyas, New Delhi	<b>Speaker:</b> Prof. V.K. Gupta, Professor & Head, Department of Mathematics, Govt. PG Madhav College, Ujjain (MP).

अतः वैदिक गणित अनुसंधान केंद्र के सभी विद्यार्थियों को यह निर्देशित किया जाता है कि उपरोक्त वेबिनार के दौरान आयोजित अतिथि व्याख्यान में अपनी उपस्थिति सुनिश्चित करें।

  
प्रो. राकेश कुमार,  
मानद निदेशक,  
वैदिक गणित अनुसंधान केंद्र

निम्नलिखित को सूचनार्थ एवम् आगामी कार्यवाही हेतु प्रति अग्रेषित:-

1. सूचना पट्ट।
2. सभी संकाय सदस्य, गणित, कंप्यूटर और सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर
3. अधिष्ठाता, गणित, कंप्यूटर एवम् सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर।

## BROCHURE



### हिमाचल प्रदेश केंद्रीय विश्वविद्यालय

सीयूएचपी स्थापना सप्ताह समारोह के अवसर पर  
ऑनलाइन एक दिवसीय राष्ट्रीय वेबिनार  
**वैदिक गणित में अनुसंधान क्षेत्र**  
31 Jan 2022 at 10.00 AM



**प्रो वी. के. गुप्ता, मुख्य वक्ता**  
पी जी माधव साइंस कॉलेज



**मुख्य अतिथि, प्रो. (डॉ.) एस. पी. वंसल**  
माननीय कुलपति, सीयूएचपी, हिमाचल प्रदेश



**श्री राकेश भाटिया, मुख्य वक्ता**  
राष्ट्रीय समन्वयक, शिक्षा संस्कृति उत्थान न्यास



**प्रो राकेश कुमार**  
अधिष्ठाता, मानद निदेशक



**प्रो. ए.के. महाजन**  
समन्वयक, स्थापना सप्ताह समारोह



**प्रो. प्रदीप कुमार**  
अधिष्ठाता छात्र कल्याण, सीयूएचपी

Google Meet Link for the Webinar: : <https://meet.google.com/pst-mccj-mym>

**संयोजक-** डॉ पंकज कुमार पुत्र स्वर्गीय मनीराम, सहायक प्रोफेसर, एसआरडीएम

**आयोजन सचिव-** डॉ. पंकज कुमार पुत्र श्री कृष्ण सिंह, सहायक प्रोफेसर, एसआरडीएम

**आयोजन समिति के सदस्य-** डॉ सचिन कुमार श्रीवास्तव, सहायक प्रोफेसर, एसआरडीएम

**आयोजक**  
वैदिक गणित अनुसंधान केंद्र  
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, हिमाचल प्रदेश  
शाहपुर, १७६२०६, हिमाचल प्रदेश, भारत

## **REPORT OF WEBINAR**

A one day online National Webinar on “**Research in Vedic Mathematics**” successfully completed on 31<sup>th</sup> January, 2022 at the Shahpur Parisar of the Central University of Himachal Pradesh on the occasion of **Foundation week celebration of CUHP**. This Webinar was organized by the Centre for Vedic Mathematics of the School of Mathematics, Computers and Information Sciences.

The Basic objective of the program to give students and researchers an exposure to give different aspect of research in Vedic Mathematics. Vedic Mathematics is an important area of Mathematics which is growing day by day. Students should know about the emerging areas of research in Vedic Mathematics.

Dr. Pankaj Kumar S/o Lt. Maniram was the Convener of the event. Dr. Pankaj Kumar S/o Sh. Krishan Singh and Mr. Ajay Kumar were the organizing secretaries of the Webinar. Dr. Sachin Kumar Srivastava and Dr. Meenakshi were the members of the organizing committee of the webinar. M.Sc. 2<sup>nd</sup> year student, Ms. Katyayni was the anchor of the Webinar.

The Webinar was inaugurated on 30<sup>th</sup> January, 2022 at 02:30 PM through online mode by our Chief Guest Prof. Ambrish Kumar Mahajan, Central University of Himachal Pradesh. The Webinar was started by the lighting of lamp and Saraswati Vandna.

Dr. Pankaj Kumar S/o Lt. Maniram, Convener & Assistant Professor of Srinivasa Ramanujan Department of Mathematics welcomes the participants and spoke the need of the Webinar for the students. Mr. Ajay Kumar, Department of Computer Science welcomed the Chief Guest Prof. Mahajan in his address. Prof Rakesh Kumar, Head, Srinivasa Ramanujan Department of Mathematics, and Dean, School of Mathematics, Computers and Information Sciences thanks the chief guest on his address.

Prof. Mahajan in his address, first of all, congratulates all the faculty members of the Department to give their contribution by organizing the Webinar in the ongoing series of Webinars on the occasion of celebration of foundation week of CUHP. Prof. Mahajan said that such kind of Webinars will explore young minds. He added that our accentors were great Researchers and Mathematicians. They gave us the precious gift of Vedic Mathematics through Vedas and Shastras. We cannot deny the role of Vedic Mathematics in the Modern era.

There were two Resource Persons Sh. Rakesh Bhatia, National Convener of Vedic Mathematics, Shiksha Sanskriti Uthan Nyas, and Dr. V.K. Gupta, from Govt. Madhav Science PG College.



In the first technical session, Sh. Rakesh Bhatia, National Convener of Vedic Mathematics, Shiksha Sanskriti Uthan Nyas was the main speaker. In his talk of title “Research Areas in Vedic Mathematics” he explained about the different areas of research in Vedic Mathematics which are still untouched and how a good research could be done in those areas.

Dr. V.K. Gupta, Govt. Madhav Science PG College was the main speaker in the second technical session. His title of talk was “Research Tools for beginner in Vedic Mathematics”. In his talk, he stressed his words on the fact that how students and researchers should have to think differently and explore new research tools and ideas in the field of Vedic Mathematics.

The convener of the webinar, Dr. Pankaj Kumar said that such kind of events will surely set new trends of research in the field of Vedic Mathematics. According to the organizing secretaries of the webinar, Dr. Pankaj Kumar and Mr. Ajay Kumar, more than 60 participants were present in the webinar. The audiences were PG Students, PhD Scholars and Faculty Members of the different Department(s) of CUHP.

In the last, Webinar was concluded with the vote of thanks by Dr. Pankaj Kumar S/o Sh. Krishan Singh, Organizing Secretary of the Webinar.

## MEDIA COVERAGE

# सीयू के स्थापना दिवस पर हुआ ऑनलाइन वेबिनार


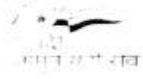
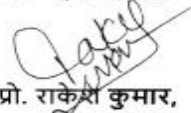
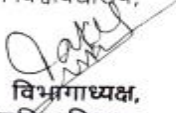
धर्मशाला। हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के स्थापना सप्ताह समारोह पर ऑनलाइन राष्ट्रीय वेबिनार हुआ। वेबिनार का आयोजन गणित, कंप्यूटर और सूचना विज्ञान विद्यालय के वैदिक गणित अनुसंधान केंद्र की ओर से किया गया।

उद्घाटन सत्र में केंद्रीय विश्वविद्यालय के प्रो. अंबरीश कुमार महाजन मुख्य अतिथि रहे। प्रथम तकनीकी सत्र में राकेश भाटिया, वैदिक गणित के राष्ट्रीय संयोजक, शिक्षा संस्कृति उत्थान न्यास मुख्य वक्ता रहे। डॉ. वीके गुप्ता, माधव साइंस पीजी कॉलेज द्वितीय तकनीकी सत्र में मुख्य वक्ता रहे। वहीं जम्मू-कश्मीर की भू-राजनीति में पाकिस्तान और चीन की भूमिका विषयक इं-संगोष्ठी का आयोजन हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के कश्मीर अध्ययन केंद्र की ओर से किया गया। इस संगोष्ठी में विद्यार्थी और शोधार्थियों सहित जम्मू-कश्मीर से संबंधित कई विशेषज्ञ जुड़े। संवाद

Guest Lecture

18 April, 2022

**NOTICE**

	<p><b>हिमाचल प्रदेश केंद्रीय विश्वविद्यालय</b> <b>Central University of Himachal Pradesh</b> (Established under Central Universities Act 2009) शाहपुर परिसर, शाहपुर, जिला कांगड़ा (हि.प्र.) - 176206 Shahpur Parisar, Shahpur, Distt. Kangra (HP) - 176206 Website: <a href="http://www.cuhimachal.ac.in">www.cuhimachal.ac.in</a></p>	
File No. MTH/2-2/Workshop-Seminar/ CUHP/21/05-15		Dated: 11.04.2022
<b>सूचना</b>		
<p><b>प्रशिक्षण और नियुक्ति प्रकोष्ठ (Training &amp; Placement Cell), श्रीनिवास रामानुजन गणित विभाग, गणित, कंप्यूटर और सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर द्वारा निम्नलिखित विवरण के अनुसार एक आमंत्रित व्याख्यान (Invited Lecture) का आयोजन किया जा रहा है:-</b></p>		
<p>व्याख्यान का विषय : <b>Opportunities for Students after Post Graduation</b> वक्ता का नाम : <b>डॉ. नीरज गुप्ता, सहायक प्रोफेसर, रसायन एवम् रसायनशास्त्र विभाग, भौतिक एवं पदार्थ विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर।</b> दिनांक : <b>18.04.2022</b> समय : <b>11:30 पूर्वाह्न से 12:30 अपराह्न</b></p>		
<p>अतः श्रीनिवास रामानुजन गणित विभाग के सभी स्नातकोत्तर विद्यार्थियों एवम् शोधार्थियों को यह निर्देशित किया जाता है कि उपरोक्त आमंत्रित व्याख्यान में अपनी उपस्थिति सुनिश्चित करें।</p>		
<p> <b>प्रो. राकेश कुमार,</b> <b>विभागाध्यक्ष,</b> <b>श्रीनिवास रामानुजन गणित विभाग</b></p>		
<p><b>निम्नलिखित को सूचनार्थ एवम् आगामी कार्यवाही हेतु प्रति अग्रेषित:-</b></p>		
<ol style="list-style-type: none"><li>1. सूचना पट्ट।</li><li>2. डॉ. नीरज गुप्ता, सहायक प्रोफेसर, रसायन एवम् रसायनशास्त्र विभाग, भौतिक एवं पदार्थ विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर।</li><li>3. सभी संकाय सदस्य, गणित, कंप्यूटर और सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर।</li><li>4. अध्यक्ष, प्रशिक्षण और नियुक्ति प्रकोष्ठ, श्रीनिवास रामानुजन गणित विभाग, गणित, कंप्यूटर और सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर।</li><li>5. अधिष्ठाता, गणित, कंप्यूटर एवम् सूचना विज्ञान स्कूल, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, शाहपुर परिसर, शाहपुर।</li><li>6. कुलसचिव, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, धर्मशाला।</li><li>7. कुलपति महोदय के निजी सचिव, कृपया माननीय कुलपति महोदय, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, धर्मशाला के सूचनार्थ।</li></ol>		
<p> <b>विभागाध्यक्ष,</b> <b>श्रीनिवास रामानुजन गणित विभाग</b></p>		



## **REPORT OF THE GUEST LECTURE**


A Guest Lecture on the topic “Opportunities for Students after Post Graduation” successfully completed on 18<sup>th</sup> April, 2022 at the Shahpur Parisar of the Central University of Himachal Pradesh. The Lecture was organized by the Training and Placement Cell of the Srinivasa Ramanujan Department of Mathematics, School of Mathematics, Computers and Information Sciences.

Dr. Neeraj Gupta, Assistant Professor, Department of Chemistry and Chemical Sciences, Central University of Himachal Pradesh was the Invited Speaker of the event. All the Faculty Membes, Ph.D. Scholars and PG students of the School were present in the Guest Lecture.

# एक दिवसीय योग कार्यक्रम

31 मई, 2022


## BROCHURE




### हिमाचल प्रदेश केंद्रीय विश्वविद्यालय

गणित विभाग योग-उत्सव समापन समारोह  
पर आप सभी का स्वागत करता है


**योग-उत्सव समापन समारोह**  
दिनांक 31 मई, 2022  
समय: 03:00-4:30 अपराह्नः  
स्थान: सभागार, शाहपुर परिसर




योग गुरु: रमेशचंद्र सिंह जी



कार्यक्रम अध्यक्ष: डॉ. प्रदीप कुमार,  
अधिरक्षक अकादमिक



प्रो. भाग चंद वोहरा, निदेशक, शाहपुर  
परिसर, लोडल अधिकारी, अंतरराष्ट्रीय  
योग दिवस



प्रो. राकेश कुमार, विभागाध्यक्ष,  
गणित विभाग

आयोजक  
श्रीनिवास रामानुजन गणित विभाग  
&  
केंद्रीय गणित अनुसंधान केंद्र (Centre for Vedic Mathematical Studies)  
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, हिमाचल प्रदेश  
शाहपुर परिसर, 176167, हिमाचल प्रदेश, भारत

यह गणित विभाग के लिए हर्ष का विषय है कि हमें योग-उत्सव का समापन समारोह आयोजन का यह शानदार अवसर प्राप्त हुआ है। अतः विभाग की तरफ से शाहपुर परिसर के सभी शिक्षकों, शोधकर्ताओं व सभी छात्रों से विनम्र अनुरोध करते हैं कि वे 31 मई 2022 को शाम 3.00 बजे कान्फ्रेंस हॉल में गरिमामय उपस्थिति प्रदान करें।

कार्यक्रम विवरण	
31 मई, 2022, मंगलवार	
समय	विवरण
03.00 PM - 03:07 PM	दीप प्रज्वलन व सरस्वती वंदना
03.07 PM - 03.15 PM	प्रो. राकेश कुमार, स्वागत भाषण और गणमान्य व्यक्तियों का परिचय
03.15 PM - 04.00 PM	योग सत्र: योग गुरु रंजीत सिंह जी
04.00 PM - 04.10 PM	योग के लिए छात्रों की गतिविधियाँ
04.10 PM - 04.15 PM	प्रश्न और उत्तर सत्र
04.15 PM - 04.25 PM	प्रो. प्रदीप कुमार- विदाई सत्र
04.25 PM - 04.30 PM	प्रो. भाग चंद वोहरा, - धन्यवाद प्रस्ताव

**कार्यक्रम आयोजक**    **कार्यक्रम समन्वयक:**    **सह समन्वयक:**

प्रो. राकेश कुमार    डॉ. पंकज कुमार पुत्र स्वर्गीय मणिराम    डॉ. एस.के. श्रीवास्तव  
    डॉ. मीनाक्षी  
    डॉ. पंकज कुमार पुत्र श्री कृष्ण सिंह

**निर्देश :**

1. अपनी योगा मैट या वेडशीट साथ लाएं।
2. अपनी पानी की बोतल लाएं।
3. सुबह 03:00 बजे उपस्थित रहें।
4. कृपया दोपहर का भोजन कम मात्रा में करें।

## **REPORT OF THE PROGRAMME**

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के शाहपुर परिसर में योग उत्सव का जश्न मनाने के लिए एक दिवसीय योग कार्यक्रम 31 मई, 2022 को सफलतापूर्वक पूरा हुआ। इस कार्यक्रम का आयोजन गणित, कंप्यूटर और सूचना विज्ञान स्कूल के श्रीनिवास रामानुजन गणित विभाग द्वारा किया गया था। प्रो प्रदीप कुमार कार्यक्रम के मुख्य अतिथि थे। कार्यक्रम में प्रो राकेश कुमार, विभागाध्यक्ष, डॉ सचिन कुमार श्रीवास्तव, डॉ पंकज कुमार सुपुत्र स्वर्गीय श्री मनीराम, डॉ पंकज कुमार सुपुत्र श्री कृष्ण सिंह, डॉ मीनाक्षी सहित विभाग के सभी शोधार्थी और स्नातकोत्तर विद्यार्थी शामिल थे। यह कार्यक्रम योग उत्सव का समापन कार्यक्रम था।

कार्यक्रम की शुरुआत दीप प्रज्वलन व सरस्वती वंदना से की गई। श्री रणजीत सिंह कार्यक्रम के योग गुरु थे और सभी छात्रों और संकाय सदस्यों को योग के बारे में प्रशिक्षण दिया। मुख्य रूप से प्रोफेसर भागचंद चौहान परिसर निदेशक, डॉ प्रदीप चौकसे और विभाग के सभी सदस्य उपस्थित थे।

योग उत्सव की कुछ झलक निम्न हैं:





## MEDIA COVERAGE

# कमियां दूर करने के लिए विभागों का समाक्षा

संवाद सहयोगी, धर्मशाला : हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के धौलाधार परिसर-एक में बुधवार को अंग्रेजी, हिंदी, पंजाबी डोगरी विभाग की समीक्षा की गई। अधिष्ठाता अकादमिक प्रो. प्रदीप कुमार ने कहा कि विवि में शैक्षणिक गतिविधियों को बढ़ावा मिले और विश्वविद्यालय एक शोध विश्वविद्यालय के रूप में अपनी पहचान बनाए, इसके लिए कुलपति प्रो. सत प्रकाश बंसल के मार्गदर्शन में कार्य किए जा रहे हैं। इसी कड़ी में विश्वविद्यालय के सभी विभागों की समीक्षा शुरू की गई है। कमियों को दूर करने का प्रयास किया जाएगा।

अंग्रेजी विभाग की ओर से प्रो. नंदरी राज गोपाल ने विभाग की रिपोर्ट प्रस्तुत की। इस दौरान संकाय सदस्यों की संख्या, सेवाकाल, पेपर प्रकाशन, किताबों की रचना के अलावा छात्रों, शोधार्थियों व आउटसोर्स पर रखे कर्मचारियों की संख्या पर चर्चा की गई। इसके साथ ही विभाग में कितने कोर्स चल रहे हैं और संकाय सदस्यों को मिल रही सुविधाओं या दिक्कतों पर जानकारी ली।

इस अवसर पर डा. बृहस्पति मिश्रा, अंग्रेजी विभाग से प्रो. रोशन लाल शर्मा,



योग करे निरोग : केंद्रीय विश्वविद्यालय के शाहपुर परिसर में आयोजित उत्सव के दौरान योग करते प्राध्यापक व विद्यार्थी • जागरण

## सीयू के शाहपुर परिसर में योग का महत्व बताया

संवाद सहयोगी, धर्मशाला : हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के शाहपुर परिसर में आयोजित योग उत्सव में पतंजलि योगपीठ की योगिनी देवकी शर्मा ने योग का महत्व बताया। उन्होंने योग को दिनचर्या में शामिल करने के लिए प्रेरित किया। भौतिक एवं खगोल विज्ञान विभाग के सौजन्य से आयोजित कार्यक्रम

की अध्यक्षता प्रो. ओएसकेएस शास्त्री ने की। योग उत्सव के समापन समारोह में योग गुरु रंजीत सिंह ने बतौर मुख्य अतिथि शिरकत की। इस अवसर पर अधिष्ठाता अकादमिक प्रो. प्रदीप कुमार, प्रो. भाग चंद चौहान, प्रो. राकेश कुमार, योग शिक्षिका अवंतिका, प्रो. राजेश कुमार मौजूद रहे।

डा. खेमराज, डा. हेमराज बंसल, श्वेता नंदा, हिंदी विभाग से डा. चंद्रकांत, डा. ओमप्रकाश प्रजापति, डा. प्रिया शर्मा, डा. प्रीति, संस्कृत विभाग से डा. विवेक,

डा. कुलदीप, डा. भजहरि दास, डा. रणजीत, डा. अर्चना कुमारी, डा. नरेंद्र कुमार पांडेय, डा. नरेश व डा. हरजिंदर मौजूद रहे।