



# सीयूएसबी टाइम्स CUSB TIMES

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Azadi Ka  
Amrit Mahotsav

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CENTRAL UNIVERSITY OF SOUTH BIHAR

## भारत का संविधान उद्देशिका

हम भारत के लोग, भारत को एक संपूर्ण प्रभुत्व-संपन्न  
समाजवादी पंथनिरपेक्ष लोकतन्त्रात्मक गणराज्य  
बनाने के लिए, तथा उसके समस्त नागरिकों को:

सामाजिक, आर्थिक और राजनैतिक न्याय,  
विचार, अभिव्यक्ति, विश्वास, धर्म  
और उपासना की स्वतंत्रता,  
प्रतिष्ठा और अवसर की समता

प्राप्त कराने के लिए तथा उन सब में व्यक्ति की गरिमा  
और राष्ट्र की एकता और अखंडता सुनिश्चित करने  
वाली बंधुता बढ़ाने के लिए स्वदंशक होकर अपनी  
इस संविधान सभा में आज तारीख 26 नवम्बर, 1949  
ई० (भिति मार्गशीर्ष शुक्ला सप्तमी संवत् दो हजार  
छह विक्रमी) को एतद्वारा इस संविधान को अंगीकृत,  
अधिनियमित और आत्मार्पित करता हूँ।

भारत के संविधान की  
शिलापद्धिका का लोकार्पण  
आज दिनांक-21-10-20  
माननीय न्याय भूति  
श्री अश्विनी कुमार  
पदता उच्च न्यायालय, के  
प्रो. कामेश्वर नाथ  
कुलपति, दक्षिण बिहार केन्द्रीय वि  
की गरिमान्वयी उपस्थिति में स  
कार्यवालाक अभिवांता  
श्री कल्याण साहू कर्नल राजीव





## Editorial



It's a pleasure to conceptualize, compile and design this edition of CUSB Times, the Bi-Annual Newsletter of Central University of South Bihar (CUSB) for the period July-December, 2022. This edition of newsletter in a nutshell carries the events and activities conducted in and around CUSB. Also, extra attention is given to all types of achievements of the faculty members, researchers and associated members of the University fraternity. The inside pages of the newsletter create an aura of the University and stakeholders who always remains on toes to create the buzz all around and write the success stories. I am sure you would love to have an overview of those success stories of the University.

**Md. Mudassir Alam,**  
Editor, CUSB Times



**Smt. Droupadi Murmu**  
Hon'ble President of India



**Shri Narendra Modi**  
Hon'ble Prime Minister of India



**Shri Dharmendra Pradhan**  
Hon'ble Education Minister



**Dr. C. P. Thakur**  
Chancellor, CUSB

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## Vice-Chancellor's Message



**Prof. Kameshwar Nath Singh**

I am very delighted to present the latest edition of CUSB Times which is like a coveted Record Book for the entire University fraternity. Our team of Editors have put forth their best efforts to keenly gather the achievements of the University including the faculty members, researchers and students. During this period along with the usual academic and extra-curricular activities, our focus was on fully adopting the farsighted National Education Policy (NEP) – 2020 and the deeply-rooted ancient tradition of Indian Knowledge System (IKS). The University conducted scores of seminars, webinars and conferences, etc. where the experts did extensive brainstorming to adopt the NEP-2020 and IKS in our academic curriculum for achieving the University's goal of Academic Excellence and establishing it an institute of repute in the region. We also signed a couple of Memorandum of

Understanding (MoU) with other institutions to pursue quality research with each other's assistance. Keeping in mind the global requirements and future discourse of the region we are all set to launch three new programmes namely (i) 4-Year B.Sc. in Agriculture (ii) M.Sc. in Artificial Intelligence and (iii) M.Sc. in Data Science and Applied Statistics from the Academic Session 2023-24. With the past achievements and future Vision 2035 we are going into NAAC Assessment with the positive approach to get an encouraging rating point and grade. I wish that the coming year would bring lots of success and achievements for the University. Happy Reading !



**Col. R. K. Singh**

## Registrar's Message

We are here with another edition of CUSB Times which is quite pleasing for me as well as my dedicated team that have put their day-and-night to keep rolling the University on its right direction. Let me start with the major achievement of this six-months period was establishment of boys' wing of NCC (National Cadets Corps) in the University. The NCC girl cadets have already proved their mettle at the National level activities and the addition of boys' wing would further strengthen our University's presence in the region as well as country. Now back to the achievements of six-month period (July – December, 2022) as we have many laurels in our kitty both in academia and co-curricular activities. Our experienced and qualified faculty members besides fulfilling their usual academic responsibilities with their persistent efforts bagged the major research projects, organized as well as attended seminars and workshops, got the papers published in reputed journals, and most importantly efficiently nurtured the students to give their best performance. Let me conclude with briefly sharing about the infrastructure development work, the second phase buildings such as staff quarters, hostels, health centre, cafeteria, library, animal house are in final stages of completion and we are looking ahead to make them functional shortly. Wishing all the very best for future endeavours.



## Events & Activities

### Nasha Mukht Bharat Pledge, 04th August, 2022



Under the 'Nasha Mukht Bharat Abhiyan', a drug-free awareness campaign was run at CUSB campus under the mentorship of VC Prof. K. N. Singh. Dr. Ratikant Kumbhar, HOD, Economics and coordinator for Drug Free India Program and Dr. Priya Ranjan, Nodal Officer conducted the events like nukkad natak, essay writing competition, painting competition, slogan writing, drug helpline awareness campaign, oath for drug free India, construction of drug free campaign club etc. CUSB VC in his address said that we have to take the drug-free India campaign from the campus to the community and it is the moral responsibility of all of us. The VC also administered the oath for saying a BIG NO to 'Nasha' i.e. drugs.

### Har Ghar Tiranga Abhiyan, 01st-15th August, 2022



Under the umbrella of 'Azadi Ka Amrit Mahotsav', the various teams of CUSB namely, Ek Bharat Shreshth Bharat (EBSB), Unnat Bharat Abhiyan (UBA), NCC and NSS together ran the 'Har Ghar Tiranga' campaign. The campaign encouraged the people to hoist Indian National Flag (Tiranga or tricolour) at their homes and offices to mark the 75th year of India's independence. It is an endeavour to transform the relationship with the national flag from being formal to personal. Nukkad natak, essay writing, singing and drawing competitions are amongst a few of the various events to be organized over the fortnight celebration. The teams of CUSB also created awareness amongst the people of nearby villages adopted by the university.

### "पार्टीशन हॉरर रिमेंबरेन्स डे", 10-14 अगस्त, 2022

सीयूसबी ने आज़ादी के अमृत महोत्सव के अंतर्गत "विभाजन विभीषिका स्मृति दिवस" (पार्टीशन हॉररस रेमेम्बरेन्स डे) मनाया | विश्वविद्यालय के ऐतिहासिक



अध्ययन एवं पुरातत्त्व विभाग ने "विभाजन विभीषिका स्मृति दिवस" को मनाते हुए एक प्रदर्शनी आयोजित की जिसमें भारत के विभाजन की विभीषिका से जुड़े छायाचित्रों, पोस्टरों, तत्कालीन अखबारों में छपे खबरों को अवलोकन के लिए लगाया गया। स्वामी विवेकानंद सभागार में "विभाजन की व्यथा और इसके सबक" विषय पर आयोजित विशेष व्याख्यान में कुलपति प्रो. के. एन. सिंह ने विभाजन की त्रासदी को याद करते हुए इसे भारतीय इतिहास का सबसे पीड़ादायक क्षण बताया। इस अवसर पर सामाजिक विज्ञान एवं नीति पीठ के डीन प्रोफेसर कृष्णन चलील, प्रॉक्टर प्रोफेसर उमेश कुमार सिंह, वित्त अधिकारी प्रो. ब्रजेश कुमार एवं विभिन्न विभागों के शिक्षकगण, कर्मचारीगण एवं छात्र मौजूद थे। धन्यवाद ज्ञापन इतिहास विभाग के सहायक प्राध्यापक डॉ. अनिल कुमार ने दिया।

### Independence Day Celebration, 15th August, 2022



The CUSB fraternity comprised of faculty members, officers, staff and students celebrated the Independence Day with great zeal and enthusiasm. CUSB VC Prof. K. N. Singh said that in the 75 years of India's independence, the country has achieved many achievements in various fields but I believe that the biggest achievement is Indian democracy. Prof. Singh remembered the great freedom fighters like Khudiram Bose, Chandrashekhar Azad, Bhagat Singh etc. The VC said that let us all take a pledge on this Special Day to strengthen the country socially and economically by setting aside discrimination on the basis of community, caste, faith etc. The Independence Day function was organized under the supervision of Registrar Col. R. K. Singh and well executed by DSW Prof. Pawan Kumar Mishra and Proctor Prof. Umesh Kumar Singh. The cultural committee of the University played an important role in organizing the Independence Day celebrations. At the end, the winners of various competitions organized on the occasion of Independence Day were given prizes & certificates by the Vice-Chancellor.





## National Sports Day, 29th August, 2022



On the birth anniversary of hockey wizard Major Dhyan Chand the National Sports Day was celebrated at CUSB. Under the supervision of VC Prof. K. N. Singh, events like marathon race, basketball, volleyball, kabaddi, slow cycle race, high jump, throw ball, modified hockey etc. were organized at Milkha Singh Stadium of the University. CUSB Registrar Col. R. K. Singh, Sports Committee chairperson Prof. Pradhan Partha Sarathi, Secretary Dr. Ashish Kr. Singh, Organizing Secretary Dr. Usha Tiwari, Dr. J. P. Singh, Asst. Director (PE), Dr. Anuj Lugun, Dr. Lakhwinder Singh, Dr. Rahul Singh & Dr. Gaurav Kr. Singh organized the events. In the boys students category winners were Vinit (1st position), Mithun Kumar (2nd position) and Amit Kumar (3rd Position), while in the girl category Lavaraahi Movi (1st position), Siddhantika (2nd position) and Arpana Kerketta (3rd position) were winners.

## Teacher's Day Celebration, 05th September, 2022



Former President of the country Sarvepalli Radhakrishnan was remembered on the occasion of Teacher's Day at CUSB. Under the patronage of CUSB VC Prof. K. N. Singh. Tributes paid to Sarvepalli Radhakrishnan's photo with flowers at the Administrative Building. Registrar Col. R. K. Singh. Faculty members, officers, employees, researchers and students were present along with DSW Prof. Pawan Kr. Mishra on this occasion. Besides, students of various departments of CUSB also organized special programs to pay respect to their professors and sought their blessings.

## हिन्दी दिवस पखवाड़ा 14-28 सितम्बर, 2022

सीयूसबी में कुलपति प्रो. कामेश्वर नाथ सिंह के संरक्षण में हिन्दी पखवाड़ा के अंतर्गत विभिन्न कार्यक्रम एवं प्रतियोगिताएं आयोजित की गईं। राजभाषा विभाग,

## Events & Activities



गृह मंत्रालय, भारत सरकार एवं शिक्षा मंत्रालय, भारत सरकार के निदेशानुसार 14 सितम्बर को हिन्दी दिवस एवं द्वितीय अखिल भारतीय राजभाषा सम्मेलन का आयोजन सूरत, गुजरात के पंडित दीनदयाल उपाध्याय इंडोर स्टेडियम में किया गया जिसमें विश्वविद्यालय का प्रतिनिधित्व उपकुलसचिव-सह-राजभाषा प्रकोष्ठ प्रभारी श्री प्रतीश कुमार दास ने किया। विश्वविद्यालय में पखवाड़े के दौरान निबंध, टिप्पण एवं प्रारूपण, राजभाषा प्रश्नोत्तरी, स्वरचित कविता पाठ तथा फाईलों पर मूल रूप में टिप्पण व प्रारूपण प्रतियोगिताओं का आयोजन किया गया। पुरस्कार वितरण कार्यक्रम के दौरान कुलसचिव कर्नल राजीव कुमार सिंह के साथ राजभाषा प्रकोष्ठ के कार्मिक श्रीमती सरिता मिश्रा, अनुवादक, हिन्दी टंकक श्री हिटलर प्रसाद एवं अन्य अधिकारी, कर्मचारी उपस्थित थे। निबंध प्रतियोगिता में श्री सुनील कुमार कर्ण (सुरक्षा निरीक्षक) को प्रथम, टिप्पण प्रारूपण में श्री विनोद कुमार (सहायक) को प्रथम, श्री देवेश कुमार मिश्रा एवं धनजी प्रसाद को द्वितीय तथा मो. मुदस्सीर आलम को तृतीय पुरस्कार मिला। राजभाषा प्रश्नोत्तरी में श्री निरंजन कुमार (प्रवर श्रेणी लिपिक) को प्रथम, सतीश कुमार एवं अमित कुमार को द्वितीय, श्री छोटेलाल साह को तृतीय पुरस्कार मिला। छात्रों के लिए विशेष रूप से आयोजित स्वरचित कविता पाठ में छात्र प्रियांशु त्रिपाठी ने प्रथम, श्री अम्बुज श्रीवास्तव ने द्वितीय, श्री बालमुकुंद झा एवं सुश्री उषा ने तृतीय तथा श्री सुमित कुमार हलदर एवं श्री अतुल कुमार ने सांत्वना पुरस्कार प्राप्त किया।

## 'Panch Paran' Tree Plantation Drive, 17th Sept., 2022



A tree plantation drive "Panch Paran" was organised by the Horticulture committee and the NSS unit of CUSB. VC Prof. K. N. Singh, Registrar Col. R. K. Singh, teaching and non-teaching staffs, and students participated along with co-ordinator Dr. Gautam Kumar, Dr. Das Ambika Bharti, Dr. Aditya Mohanty, Dr. Budhendra Singh (NSS) and Mr. Santosh Kr. A range of approx. 300 plants having medicinal values were planted at CUSB Campus. The VC in his address underlined the significance of plants in order to counteract air, water, and soil pollution simultaneously.



## Events & Activities

**Software Freedom Day, 19th September, 2022**



To promote and make the people aware of the benefits of using open-source software the Dept. of Computer Science celebrated 'Software Freedom Day'. Dr. Roushan Kumar, Dean, SMSCS talked about the benefits of using open-source software and the need to spread awareness. HoD Computer Science, Dr. Jainath Yadav discussed the benefits of the availability of open-source software in computer applications. Dr. Nemi Chandra Rathore, Dr. Prabhat Ranjan and Dr. Piyush Kr. Singh shared their inputs about the importance and usage of open-source software. Various programs like coding competitions, quiz competitions, poster presentations, etc. were organized for the students of the University.

**एकात्म मानववाद पंचदिवसीय कार्यक्रम 24-28 सितम्बर, 2022**



सीयूएसबी के ऐतिहासिक अध्ययन एवं पुरातत्व विभाग द्वारा पंडित दीनदयाल उपाध्याय जयंती के उपलक्ष्य में 'एकात्म मानववाद पंचदिवसीय कार्यक्रम' आयोजित किया गया। कार्यक्रम का शुभारम्भ प्रशासनिक विभाग में कुलसचिव कर्नल राजीव कुमार सिंह एवं विवि परिवार के द्वारा दीन दयाल उपाध्याय के चित्र पर माल्यार्पण करके किया गया। समापन समारोह में इतिहास विभाग के सहायक प्राध्यापक एवं कार्यक्रम समन्वयक डॉ. अनिल कुमार, श्री रोहित कुमार एवं डॉ. नीरज कुमार सिंह ने दीनदयाल जी के दर्शन पर अपनी बात रखी। इतिहास विभाग के विभागाध्यक्ष डॉ. सुधांशु कुमार झा ने समकालीन समय में दीनदयाल उपाध्याय के चिंतन की प्रासंगिकता पर प्रकाश डालते हुए भारत के ऋषि परंपरा की कड़ी में रखा। कार्यक्रम के अध्यक्ष प्रो. कृष्णन चलिहल ने समकालीन भारत के समक्ष उत्पन्न समस्याओं के समाधान के संदर्भ में दीनदयाल जी के चिंतन को प्रस्तुत किया।

**World Tourism Day, 27th September, 2022**

The Dept. of History of CUSB celebrated the World Tourism Day and organised a special event at Chanakya



Bhawan of the University which was participated by faculty members and students of various departments. Prof. Krishnan Chalil, Dean, SSP in his address emphasized on the different types of tourism and financial aspects related to the industry. Dr. Sudhanshu Kumar Jha, Head, Dept. of History threw light on the possibilities of tourism in terms of employment generation and economy. Dr. Neeraj Kumar Singh, Asst. Prof., History discussed in detail the relationship between history and tourism. Dr. Anil Kumar, Asst. Prof., History said that this day was started in 1980 by the General Assembly of the United Nations World Tourism Organization. He also proposed the vote of thanks.

**Cleanliness Drive on Gandhi Jayanti, 2nd October 2022**



On the occasion of Gandhi Jayanti, a floral tribute was paid to the father of nation Mahatma Gandhi at CUSB under the guidance of VC Prof. K. N. Singh. With the aim of 'Swachhata Hi Sewa', DSW Prof. Pawan Kr. Mishra conducted a cleanliness drive which was participated by faculty members, officers, staff and students. The CUSB fraternity took a vow to follow the path of truth and non-violence as preached by Mahatma Gandhi for the welfare of nation and world.

**World Mental Health Week, 10th – 13th October, 2022**

The World Mental Health Awareness Week was organized by the Dept. of Psychology of CUSB in collaboration with the Center for Student Counselling and Wellness. Various activities were organised during the awareness week on the WHO theme "Make Mental Health and Well-Being for all a Global Priority". The convener of the program was Dr. Dharmendra Kr. Singh, the coordinator was Dr. Das Ambika Bharti, the co-coordinators were Dr. Mangalesh Kr. Mangalam, Dr. Chetna Jaiswal & Dr. Pragya Gupta.





Chief guest CUSB VC Prof. K. N. Singh said that people should try to keep good mental health along with physical health of themselves and others. Dr. D.K. Singh (HoD) said that the counselling center in the department aims at providing emotional support and career counselling to the students. Under supervision of Program coordinator Dr. Das Ambika Bharti flash mob dance program, a tree plantation campaign, poster making competition, speech competition and workshop were organized. Besides a lecture on the topic "Life Skills for Emotional Well-being", a mime play was presented by the students of the dept. The winners of various competitions were given certificates by the VC Prof. K. N. Singh.

### 'Genesis' in memory of Dr. A.P.J.A. Kalam, 15th Oct, 22



To commemorate the 91st birth anniversary of former President of India and great scientist Dr. A.P.J. Abdul Kalam renowned as 'Missile Man', the Institute Innovation Council (IIC) of CUSB organized 'Genesis' event as a part of celebration of the "National Innovation Day". The event was organised under supervision of CUSB VC Prof. K. N. Singh by IIC President Prof. Venktesh Singh, Program Coordinator Ms. Renu (Asst. Prof., Commerce Dept.) and other members of the IIC. The winner in the speech competition was Trishi Sharma (Chemistry Dept.) while Prasoon Ojha (BA LLB) got 2nd position and Shreya Srivastava (BA LLB) got 3rd position. First prize in the art exhibition was given to Prashant Kumar (Commerce Dept.), 2nd prize winner was Anubhuti Soumya and team and third place went to Ujjwal Kr. of the Education Dept.

### Vigilance Awareness Week, 01st-05th November, 2022

The CUSB fraternity observed the Vigilance Awareness Week under the supervision of Chief Vigilance Officer Mrs. Rashmi Tripathi. As per the instructions of the Central



Vigilance Commission various activities were organised during the Vigilance Awareness Week. On the final day, the Integrity Pledge was taken on this year's theme "Corruption-free India, Developed India" at the administrative building and other buildings of the university. CUSB VC Prof. K. N. Singh and Registrar Col. Rajiv Kr. Singh also took the pledge of a corruption-free India. Competitions like debate competition, essay competition and painting competition were organized for the students. These activities were conducted by Program coordinator Dr. Anil Kumar Singh Jha, Dr. Sujit Kumar, and Dr. Parijat Pradhan.

### Run for Unity, 02nd November, 2022



To commemorate the 147th birth anniversary of Bharat Ratana Sardar Vallabh Bhai Patel, the Run for Unity was organized jointly by the National Service Scheme (NSS) Unit, Dean of Students Welfare (DSW) and Sports Committee of CUSB. The event started with oath taking administered by CUSB VC Prof. K. N. Singh which was participated by Registrar Col. R. K. Singh, DSW Prof. P. K. Mishra, NSS Coordinator Dr. Budhendra Singh, Program Officer Dr. Priya Ranjan and Ms. Renu, Dr. Ashish Kumar Singh of the Sports Committee as well as professors, officers and students of various departments of the University. Further the Run for Unity was flagged off by VC which was participated by all with joy & enthusiasm, showcasing the unity in diversity.

### National Education Day, 11th November, 2022

The birth anniversary of Maulana Abul Kalam Azad, the first education minister of independent India was celebrated at CUSB. On this occasion under the patronage of VC Prof. K. N. Singh the Dept. of Teacher Education (DTE) organized a special lecture in the blended mode to remember the contributions made by Maulana Azad in



## Events & Activities



the field of education. The program was conducted by Dr. Kavita Singh, Asst. Prof., DTE while Prof. Kaushal Kishore, Dean, School of Education delivered the welcome speech. The chief guest Prof. Veera Gupta, Dept. of Education Policy, NIEPA discussed the possible steps that can be taken to increase the Gross Enrollment Ratio (GER) in higher education. She also discussed the main philosophy behind the policy formulation by the government and the ground reality after their implementation. The expert opined that the philosophy of Maulana Azad is quite relevant to increase GER. Vote of thanks was proposed by Dr. Rinki, Asst. Prof., DTE.

### जनजातीय गौरव दिवस 2022, 14-15 नवंबर, 2022



सीयूसबी के एस टी/एस सी सेल द्वारा जनजातीय गौरव दिवस 2022 के उपलक्ष्य में कई कार्यक्रम आयोजित किये गए। कार्यक्रम का उद्घाटन कुलपति प्रो. कामेश्वर नाथ सिंह, डीएसडब्ल्यू प्रो पवन कुमार मिश्रा, कुलानुशासक प्रो. उमेश कुमार, एससी एसटी सेल के चेयरमैन डॉ. जगन्नाथ राय, इतिहास विभागाध्यक्ष डॉ. सुधांशु झा ने संयुक्त रूप से दीप प्रज्वलन के साथ किया। कुलपति महोदय ने जनजातीय दिवस पर प्रकाश डालते हुए आगे भवन का उदाहरण देते हुए कहा की जैसे भवन दिखाई देता है, उनकी नींव नहीं दिखाई देती है, जनजातीय समाज इस भवन के नींव समान है और उस नींव के योगदान को भुलाया नहीं जा सकता है। डॉ. सुधांशु झा ने आदिवासी स्वतंत्रता सेनानियों के ऊपर प्रकाश डाला। अर्थशास्त्र के आचार्य डॉ. रिकल चिंगमांग ने पूर्वर्ती जनजातीय स्वतंत्रता सेनानियों के बारे में बताया। अंग्रेजी विभाग के आचार्य श्री अभय लियोनार्ड एक्का ने जंगल जंगल जमीन आदिवासी स्मिता कर प्रकाश डाला। अल्वीनुश टोपनो, अरविंद तिग्गा तथा लॉ की छात्रा उषा रानी ने रंगारंग कार्यक्रम प्रस्तुत किया। विद्यार्थियों के लिए निबंध प्रतियोगिता में 34 छात्र - छात्रों ने भाग लिया। प्रथम स्थान अरूप वैद्य और कुमारी शुभांगी, द्वितीय स्थान अभिषेक कुमार और मनीष कुमार तथा तृतीय स्थान कुशाली सिंह, पूजा कुमारी और प्रियंका टोप्पो ने प्राप्त किया। धन्यवाद ज्ञापन कार्यक्रम संयोजक डॉ. अंजू हेलेन बाराने दिया।

### Inter school cricket tournament, 23rd -29th Nov., 2022



An Inter school cricket tournament was organized at Milkha Singh Stadium of the University which was participated by the 10 teams and 175 students from different schools. The inauguration of the tournament was done by VC Prof. K. N. Singh in presence of DSW Prof. Pawan Kumar Mishra, Prof. Atish Prashar, Prof. P. P. Sarthi, Chairman Sports committee and committee members Dr. Ashish Kumar Singh, Dr. Gaurav Kr. Singh, Dr. J. P. Singh, Dr. Anuj Lugun, Dr. Nripendra Veer Singh, Dr. Girish Singh, Dr. Vikal Singh, Dr. Pintu Mandal, Dr. Mesanguto Meru, Dr. Rahul Singh, Dr. Usha Tiwari and others. In the inaugural match on November 23, 2022 the team of School of Law and Governance defeated Media and Aesthetics by 67 runs. In the finals on November 29, the School of Education defeated the team of School of Law and Governance by 9 runs. Batting first, School of Education scored 06 wickets losing 148 runs in 20 overs. In reply, School of Law and Governance scored 139 runs in 19.5 overs losing 10 wickets. Shivanandan from School of Education was awarded the man of the match award for his all-round performance. Keshav Anand of School of Social Science and Policy was given the Man of the Series Award. The umpiring was done by Research Scholars of Physical Education, Kunal Sethi and Piyush Kumar.

### Preamble Reading on Constitution Day, 26th Nov, 22



On the occasion of Constitution Day, the day at CUSB started with the reading of the Preamble of the Constitution of India under the leadership of CUSB VC Prof. K. N. Singh. The faculty members, officers and students gathered at the main gate of the University and read the Preamble with true devotion. CUSB VC Prof. Singh said that Constitution Day reminds us of the unwavering





and tireless efforts of the makers of the Constitution. He said that this day is like a golden opportunity in the history of India and we are proud of our constitution.

### Constitution Day Week, 21st-26th November, 2022



The School of Law and Governance of CUSB organised the Constitution Day Week under the mentorship of VC Prof. K. N. Singh. During the week as the organising secretary Mr. Mani Pratap, Asst. Law along with his team organised various activities such as extempore competition, essay competition, PIL drafting competition, quiz competition, poster making competition, nukkad natak, rangoli competition, talent hunt etc. on the theme "India-the mother of Democracy". During the valedictory session on November 26, the Commissioner of Magadh Range Mr. Mayank Warwade was present as the chief guest. Mr. Warwade discussed various aspects of the Indian Constitution and shared its unique features. In his address, he highlighted the role of administrative servants and said that good governance, fair elections work, etc. may showcase the spirit of the Constitution. CUSB VC Prof. K. N. Singh said that India has been the best example of democracy since ancient times. Prof. S. P. Srivastava, Dean & Head, SLG said that fundamental duties can solve many problems of the society. The Constitution Day week was inaugurated by the COE Mrs. Rashmi Tripathi on November 21, while Prof. Ashok Kumar proposed the vote of thanks at the closing ceremony.

### भारतीय भाषा उत्सव, 11 - 13 दिसंबर, 2022



तमिल के प्रसिद्ध कवि सुब्रमण्यम भारती को समर्पित 'भारतीय भाषा उत्सव' के उपलक्ष्य में सीयूएसबी में तीन दिनों तक कई कार्यक्रम आयोजित किए गए। भारतीय भाषा उत्सव के अंतर्गत विविध के एम्फीथियेटर में विभिन्न भारतीय भाषाओं के स्टाल का प्रदर्शन, पारंपरिक परिधान प्रदर्शन, समूह गायन, नुक्कड़ नाटक आदि प्रस्तुत

## Events & Activities

किये गए। मुख्य अतिथि के रूप में कुलपति प्रो. के. एन. सिंह ने सम्पूर्ण कार्यक्रम के दौरान मौजूद रहे जिससे छात्र-छात्राओं का मनोबल काफी बढ़ गया। कार्यक्रम का आरंभ मुख्य अतिथि प्रो. के. एन. सिंह के आगमन से हुआ जहाँ विद्यार्थियों व शोधार्थियों के उनका स्वागत करने के साथ झारखण्ड का प्रसिद्ध आदिवासी स्वागत नृत्य प्रस्तुत किया गया। कार्यक्रम में स्वागत वक्तव्य प्रो. कृष्णन चालिल ने दिया जिसमें उन्होंने भाषाओं के महत्व पर प्रकाश डाला। इसके पश्चात् डॉ. कर्मनन्द आर्य ने इस कार्यक्रम के दोनों दिनों के आयोजन की विस्तृत जानकारी दी। अपने अध्यक्षीय उद्बोधन में माननीय कुलपति ने भाषाओं के महत्व व उनकी एकता को कमल के फूल की पंखुड़ियों से सम्बद्ध कर कहा कि 'जिस प्रकार सभी पंखुड़ियाँ मिलकर फूल को आकर देती हैं उसी प्रकार सभी भारतीय भाषाएँ एक दूसरे से मिलकर भारतीयता को आकार देती हैं। तत्पश्चात् उन्होंने उत्सव में लगे विभिन्न भारतीय भाषाओं के स्टाल का मुआयना किया जिसमें डॉ. सुरेश कुरापती द्वारा भाषा स्टाल पर लगी भाषाओं के विषय में जानकारी दी गयी। कार्यक्रम का कुशल संचालन डॉ. चंदना सुबा, डॉ. आदित्य मोहंती, डॉ. अनिन्द्य देब तथा हिन्दी विभाग की शोधार्थी उषा ने किया। वहीं कार्यक्रम का समापन हिन्दी के महत्वपूर्ण कवि व सहायक प्राध्यापक डॉ. अनुज लगुन के द्वारा धन्यवाद ज्ञापन से किया गया।

### National Mathematics Day, 22nd December, 2022



The National Mathematics Day celebrated on the Birth Anniversary of Great Mathematician of India, Srinivasa Ramanujan was organized by the Department of Mathematics of CUSB. On this occasion a special event was conducted under the patronage of VC Prof. K. N. Singh at Vivekananda Hall Auditorium of the University. After the formal inauguration of the event, at the onset the coordinator of the program Dr. Pankaj Mishra, Asst. Prof., Mathematics described about the outline of the program and the daylong activities. Further Prof. Roushan Kumar, Dean & Head, Dept. of Mathematics shared a brief about the contributions made by Srinivasa Ramanujan in the field of Mathematics. Dr. R. P. Singh, Asst. Prof., Mathematics, delivered a lecture on the introduction of Hemachandra Fibnoki numbers. Dr. Shubh Narayan Singh explained in detail about Srinivasa Ramanujan and his magic class. On this occasion, teachers and researchers of the department visited the Government Middle School, Nepa, and shared the details about Srinivasa Ramanujan and tried to make the children aware of mathematics. The students of the school enthusiastically participated in the events organized by the team of CUSB and learned the tricks related to Mathematics. At the end of the program, Dr. Vivek Kr. Jain, Asst. Prof. of the Department proposed a vote of thanks and appreciated the efforts of the students to make the event successful.



## Seminars, Workshops, Conferences, Talks, etc.

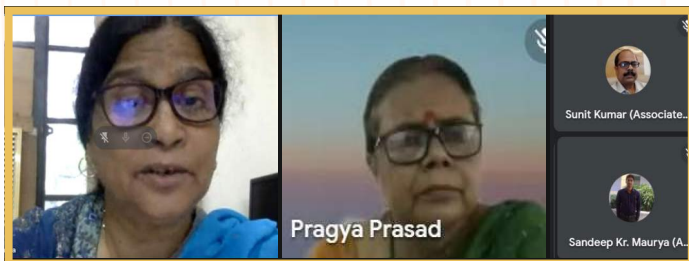


### Impact Lecture on "Climate Change and the Role of Entrepreneurs", 08th July, 2022



The Institution Innovation cell (IIC) of CUSB organised an impact lecture on "Climate Change and the Role of Entrepreneurs in India". Dr. Soma R.D. Choudhury, Asst. Prof., Dept. of Commerce, Assam University discussed various issues linked with climate change including the impact of increasing greenhouse gases and pollution. Dr. Choudhury insisted upon the need of stabilising the climate change through sustainable development and innovative practices of entrepreneurs. IIC Chairman Prof. Venkatesh Singh, Prof. Brajesh Kumar, Dr. Lakhwinder, Member, Dr. Pawas Kumar, Ms. Renu & Dr. Firdaus Fatima Rizvi, Asst. Prof., DVS also expressed their insights. The lecture was attended by students of the University.

### National Seminar on Challenges of Growing Population in India, 11th July, 2022



As a part of celebration of "World Population Day" the Dept. of Statistics of CUSB organised an online seminar on the theme "Challenges of Growing Population in India". The webinar supervised by Dr. Sunit Kumar, HOD Statistics was attended by faculty members of the dept. Dr. Richa Vatsa, Dr. Sandeep Kumar Maurya and Dr. Kamlesh Kumar. Prof. Sanghmitra S Acharya, JNU, New Delhi, Prof. Alok Kumar, BHU and Mr. Janardan Warvadekar, Senior Specialist-Research, IPAS Development Foundation, were the keynote speakers of the program. Dr. Sunil Kumar Pandey, Former Professor, University of Lucknow, Dr. Arun Kumar Sinha Former VC of Patna University, Dr. Kriti Warvadekar, Programme Officer, Nutrition International, and Dr. Pragya Prasad, Associate Professor, BNMU, also expressed their thoughts on the topic of the seminar.

### Discussion on Book Modi @20: Dreams Meet Delivery, 14th July, 2022

A panel discussion on the best seller book "Discussion on Modi @ 20: Dreams Meet Delivery" based on the tenure of Hon'ble Prime Minister Shri Narendra Modi was organized by Dept. of Mass Communication of CUSB. The welcome address was given by Prof. Atish Prashar, Dean School of



Media and Aesthetics. As the chief guest CUSB VC Prof. K. N. Singh said that the discussion would create a desire among the people to read the book and make contribution towards the development of the country as dreamed by Hon'ble PM Narendra Modi. Further, the faculty members namely, Dr. Sujit Kumar, Dr. Ratikant Kumbhar, Dr. Anindya Deb, Dr. Muzammil Hasan, Prof. Brajesh Kumar and Dr. Pranav Kumar shared various aspects of the personality of PM Modi by referring the book Modi @ 20: Dreams Meet Delivery.

### Lecture on Drug-free society by MoS Kaushal Kishore, 26th July, 2022



The National Service Scheme (NSS) unit of CUSB organised an online lecture on 'Nasha Mukti Abhiyan'. The talk was delivered by Mr. Kaushal Kishore, Hon'ble Minister of State for Housing and Urban Affairs, Govt. of India. Mr. Kishore said that today's young generation is the future of the country hence there is a need to sensitize the youth through various mediums to prevent addiction from childhood. CUSB VC Prof. K. N. Singh expressed his gratitude to the MOS Mr. Kishore and said that we have to take the drug free campaign from the campus to the community in which everyone's participation is ensured. CUSB's DSW Prof. Pawan Kumar Mishra explained about the drug de-addiction campaign and the programs organized by the University related to de-addiction. The lecture was conducted by Dr. Budhendra Singh (Coordinator, NSS) and other members of NSS unit of CUSB Dr. Priya Ranjan and Mrs. Renu.

### IMPACT lecture on "Intellectual Property Rights", 27th July, 2022

The Institution Innovation Council (IIC) of CUSB organized a lecture on "Intellectual Property Rights for Budding Entrepreneurs" sponsored by Innovation Cell of Ministry of Education (MoE), GOI. After the introductory speech by Ms. Renu, Asst. Prof., Commerce, Dr. Prafull





## Seminars, Workshops, Conferences, Talks, etc.



Singh gave the welcome speech. Prof. Raj Singh, Dean (R&D), Head, Dept. of Commerce, BHU Varanasi threw light on dimensions related to the topic and the factors behind India's rise to 46th position on the Global Innovation Index. He explained the importance of patents for entrepreneurs. IIC Chairperson Prof. Venktesh Singh thanked the Innovation Cell of MoE for sponsoring the Lecture Series. Dr. Budhendhra Kr. Singh, Dr. Lakhwinder Singh, Dr. Amiya Priyam, Dr. Digvijay and Dr. Pawas Kumar attended the lecture with faculty and students. Vote of thanks was proposed by Dr. Firdaus Fatima Rizvi.

### Training program on 'RNA isolation and transcriptomic analysis', 28th July, 2022



A training programme on the topic 'RNA isolation and transcriptomic analysis' was conducted by Dr. Gautam Kumar, Assistant Professor, Dept. of Life Science under Scientific Social Responsibility (SSR) policy of SERB with the aim to bring science from laboratories towards society, which ensure landmarks development in scientific capabilities of regional researcher, faculty and aid research in large scale aiding social and economic development. Being the Investigator of the project funded by SERB Dr. Gautam Kumar along with his team of research scholars Alok, Surbhi, Sujoy, and Aniket guided the participants. The program was also dedicated to the arena of computational biology addressed by Dr. Ravi Kumar Singh, Department of Botany, Magadh University, Bodhgaya.

### Lecture 'E-Waste Management: Opportunities and Challenge', 29th July, 2022

The Institution's Innovation Council (IIC) of CUSB organised an IMPACT lecture on the topic 'E-Waste Management: Opportunities and Challenges'. The keynote speaker Dr. Ajay Kaushal, a renowned Scientist from Centre for Materials for Electronics Technology, Ministry of Electronics and Technology, Govt. of India spoke about the latest developments about E-waste management in India. He highlighted the latest technological initiatives and start-ups for E-waste management, where the ministry is currently focussing. In his presentation, he emphasized upon some of the key



areas such as urban mining of E-waste and recycling lithium-ion batteries. Prof. Venktesh Singh, Chairperson ICC, Dr. Budendhra Kr. Singh, Dr. Prafull Kr. Singh, Dr. Lakhwinder Singh, Dr. Amiya Priyam, Dr. Firdaus Fatima Rizvi, Ms. Renu, Dr. Digvijay Singh, and Dr. Pawas Kr. were also present during the lecture.

### Consultation Workshop on National Curriculum Framework, 13th August, 2022



CUSB in collaboration with NCERT, New Delhi organised a one-day Eastern Region Consultation Workshop with Civil Society Groups on National Curriculum Framework (Bihar & West Bengal). Prof. Kaushal Kishore, Head, DTE, CUSB welcomed all the dignitaries and all the heterogeneous civil society groups. Prof. P. C. Agarwal, Director, RIE Bhuwaneshwar set the context for the programme and shared that NCERT is incorporating views of various stakeholders from all over the country for preparing NCF document. CUSB VC Prof. K. N. Singh gave the presidential address and appreciated the effort NCERT and called it an innovative practice. Other speakers of the workshop were Prof. T.N. Singh, director, IIT Patna, Prof. Baidyanath Labh, VC, Nava Nalanda Mahavihara, Prof. Arvind Choubey, Director, IIIT, Bhagalpur, Prof. Sharad Sinha, Head, DTE, NCERT, Prof. S K Verma, VC, Bihar Technical University, Prof. Anand Prakash, VC, MGCUB, Motihari, Prof. Bidyut Chakrabarty, VC, Vishwabharti, Mr. Sanjiv Kumar, Deshkal society and Mrs. Mridula Kumari Sinha. The representatives of various NGOs presented the working nature of their organization and suggested ways to link school education with higher education. The workshop was moderated by Dr. Swati Gupta, Asst. Prof., DTE, while it ended with the vote of thanks by Dr. Ravi Kant, Associate Professor, DTE, CUSB.

### Guest Lecture on Climate Change by Prof. R K Mall, 26th August, 2022

Prof. RK Mall, President of the Institute of Environment and Sustainable Development, Banaras Hindu University





delivered a talk on "Climate Change and Disaster Risk Management" organised by Dept. of Environmental Science, CUSB. In his talk Prof. Mall said that the climate of that place has great importance in our policy and town plan. Climate change-generated effects affect human life, agriculture, and infrastructure, which adversely affects the country's economy. Due to the population density of India being more than the rest of the countries, the population is in the clutches of disaster risk. Climate change

induced disaster risks need to be addressed in governance and economy building. If research-based planning is emphasized, the risk of disasters can be reduced. On this occasion, Prof. Anshumali, Chairman, Dept. EVS and Engineering, IIT ISM Dhanbad was also present along with Prof. Umesh Kr. Singh, Prof. Pradhan P. Sarathi, Prof. Ram Kumar, Dr. Rajesh Kumar Ranjan and Dr. Prashant.

## Three-day national workshop on Data Analysis using Excel and STATA, 26-28 August, 2022



The School of Social Sciences and Policy and the Social Science Researchers' Forum jointly hosted a three day national workshop on Data Analysis using Excel and STATA for the benefit of research scholars. In the first day, Dr. Mayank Yuvaraj, Assistant Librarian, CUSB engaged two sessions in which he trained the scholars in the area of Bibliometrics and research writing tools. In the second and third days, Nithin. M, of the Indian Institute of Technology, Kharagpur engaged sessions on Advanced Excel for data analysis and STATA for statistical analysis. A total of 44 research scholars from the Departments of Development Studies, Commerce, Economics, Sociology, Psychology, Education and other departments participated. The programme was inaugurated by Prof. Krishnan Chalil, Dean, School of Social Sciences and Policy who emphasized upon the need for continuous training of the research scholars for bringing out quality publications and theses. The student co-ordinator Ms. Bhagya proposed the welcome address after the inauguration.

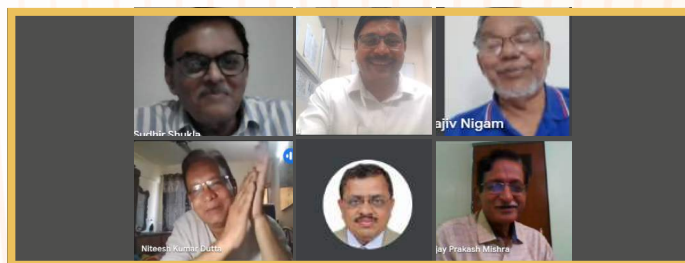
## Workshop on "Climate Change and Sustainable Agriculture", 01-02 September, 2022

The Dept. of Life Science of CUSB organized a workshop on the topic "Climate Change and Sustainable Agriculture" (CCSA-2022) in which the experts discussed ways to save the climate. The workshop was supported by the SSR



policy of SERB, Govt. of India under the funded project of Dr. Gautam Kumar of the department. The workshop was organised with the aim to ignite research interests in the society. The workshop was inaugurated by Dr. Rameshwar Singh, VC, Bihar Animal Science University (BASU), Patna in presence of CUSB VC Prof. K. N. Singh, Registrar Col Rajiv Kumar Singh., faculty members, researchers and students of various departments. CUSB VC Prof. K. N. Singh emphasized that continuous climate change to disrupt the agricultural sustainability and importance of the scientific efforts to encounter the food security. Dr. Rameshwar Singh, VC, BASU highlighted the necessity of agricultural sustainability under adverse climatic conditions and emphasized upon the importance of short duration and climate resilient crops. Prof. P. P. Sarathi, Dr. Ram Pratap Singh, Head, Life Science, Dr. Gautam Kumar, Dr. Rajesh Kr. Ranjan, Dr. Kiran Kumari Singh and Dr. Tara Kashav also enlightened the audience with their lectures. The participants asked the questions to the experts.

## Webinar on International Fossil Day-2022, 05th September, 2022



On the occasion of International Fossil Day -2022, Dept. of Geology of CUSB in association with Paleontological Society of India, Lucknow (PSI) organised a webinar on the "Applications of Microfossils". This lecture was delivered by renowned Micropaleontology Prof. P. K. Kathal, Centre of Advanced Study in Geology, Dr. H.S. Gour University, Sagar. The event organized under the supervision of head Prof. Prafull Singh was co-ordinated by Dr. Vikal Kumar Singh. Prof. Kathal enlightened the participants on "Application of microfossils" and covered various aspect related to the topic. He also illustrated that the microfossils are very sensitive indicators of environment and it became the most effective tools for present & palaeo - environment/ climate change study. Dr V. P. Mishra, Secretary, Paleontological Society of India, Lucknow, briefed about the history of the International Fossil Day and its celebration. Prof. M.P. Singh, President, PSI, and

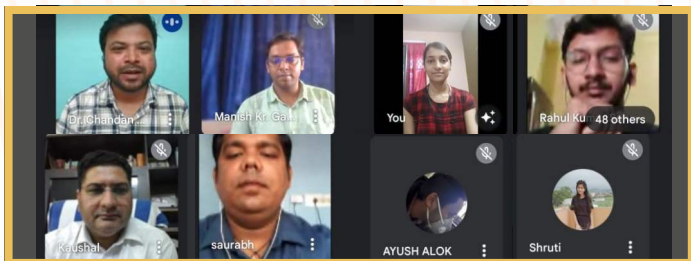




## Seminars, Workshops, Conferences, Talks, etc.

Dr. Sudhir Shukla, Vice President, PSI, along with over 200 people from different universities & research organizations such as BSIP, GSI, CGWB etc. participated in the webinar.

### 150 भावी शिक्षकों के साथ राष्ट्रीय शिक्षक पुरस्कार विजेता श्री सौरभ सुमन का संवाद, 11 सितम्बर 2022



शिक्षक पर्व के उपलक्ष्य में अनुसंधान संवर्धन एवं संगोष्ठी समिति, शिक्षक शिक्षा विभाग, सीयूसबी द्वारा वर्ष 2022 के राष्ट्रीय शिक्षक पुरस्कार विजेता श्री सौरभ सुमन का भावी शिक्षकों के साथ ऑनलाइन विमर्श संगोष्ठी का आयोजन किया गया। कार्यक्रम की शुरुआत में प्रो. कौशल किशोर, संकायाध्यक्ष शिक्षा पीठ ने अपने संबोधन में सौरभ सुमन के प्रयासों की सराहना की। डॉ. चन्दन श्रीवास्तव, सहायक प्राध्यापक शिक्षक शिक्षा विभाग ने श्री सौरभ के अभी तक के नवाचारों पर संक्षिप्त रूप से प्रकाश डाला। श्री सौरभ ने अपने संबोधन में अपने विद्यालय ललित नारायण लक्ष्मी नारायण प्रोजेक्ट बालिका हाई स्कूल में किये गए प्रयासों के बारे में बतलाया। श्री सौरभ ने बताया कि उन्होंने ने न केवल बेहतर शिक्षा के लिए स्कूल स्तर पर कार्य किए बल्कि विभागीय दायित्वों के साथ समुदाय के उन्नयन के लिए नवाचार किये। संगोष्ठी के अंत में शिक्षक शिक्षा विभाग के भावी शिक्षकों ने मुख्य वक्ता से विभिन्न पक्षों पर प्रश्नोत्तर भी किया, जिसमें उनसे उनके आगे के विज्ञान एवं इस यात्रा से जुड़ी कठिनाईयों एवं उनके समाधान के बारे में प्रश्न पूछे गए। कार्यक्रम के अंत में शिक्षक शिक्षा पीठ के डॉ. मनीष कुमार गौतम ने धन्यवाद ज्ञापित किया।

### "भारतीय भाषा माध्यम से उच्च शिक्षा, संभावनाएं, चुनौतियां एवं शिक्षकों की तैयारी" विषय पर संगोष्ठी, 15 - 16 सितम्बर, 2022



सीयूसबी के शिक्षक शिक्षा विभाग द्वारा विद्या भारती उच्च शिक्षा संस्थान के साथ संयुक्त तत्वावधान में "भारतीय भाषा माध्यम से उच्च शिक्षा, संभावनाएं, चुनौतियां एवं शिक्षकों की तैयारी" विषय पर दो दिवसीय संगोष्ठी आयोजित किया गया। संगोष्ठी के अध्यक्षीय संबोधन में सीयूसबी के कुलपति प्रो. कामेश्वर नाथ सिंह ने कहा कि सभी भाषाओं का अपना महत्व है अतः उन सभी के मध्य समन्वय स्थापित किया जाना चाहिए। कार्यक्रम के समन्वयक एवं शिक्षा पीठ के अधिष्ठाता प्रो. कौशल किशोर ने स्वागत भाषण दिया एवं डॉ. चंदन श्रीवास्तव ने भारतीय भाषा समिति का संक्षिप्त परिचय दिया। कार्यक्रम का बीज वक्तव्य देते हुए भारतीय भाषा

समिति शिक्षा मंत्रालय के अकादमिक संयोजक, प्रो. अवधेश कुमार मिश्रा ने कहा भाषा मात्र संवाद का माध्यम ही नहीं, बल्कि ज्ञान का माध्यम भी होता है, जो विद्यार्थियों में प्राथमिक कक्षा से ही विकसित किया जाना चाहिए। कार्यक्रम में ख्वाजा मोइनुद्दीन चिश्ती भाषा विश्वविद्यालय, लखनऊ के कुलपति प्रो. नरेंद्र बहादुर सिंह, अंतर-विश्वविद्यालय अध्यापक शिक्षा, केंद्र काशी हिंदू विश्वविद्यालय के निदेशक प्रो. प्रेम नारायण सिंह, प्रो. नचिकेता तिवारी, भारतीय प्रौद्योगिकी संस्थान, कानपुर, सेवानिवृत्त प्रो. के.एन.पी. राजू, काशी हिन्दू विश्वविद्यालय, सीयूसबी के अधिष्ठाता, प्रो. सुरेश चंद्रा, अधिष्ठाता, भाषा एवं साहित्य पीठ, प्रो. प्रणव कुमार, विभागाध्यक्ष राजनीतिक अध्ययन विभाग के साथ अन्य अतिथियों ने भी अपने विचार साझा किये। दो दिवसीय राष्ट्रीय संगोष्ठी में विभिन्न विश्वविद्यालय के प्राध्यापकगण, शिक्षाविद, शोध छात्र-छात्राएं और स्नातकोत्तर छात्र-छात्राओं ने चार उप-विषयों के अंतर्गत लगभग 40 शोध पत्र को प्रस्तुत किया।

### DST - STUTI Workshop on Advanced Immunological Tools and Technique, 19-25 September, 2022



With the aim to provide an overview (theory as well as hands-on training) of Advanced Immunological techniques and their applications in Biology, a seven-days training programme was organised by the Dept. of Biotechnology of CUSB. The training programme was inaugurated by CUSB VC Prof. K. N. Singh as the Chief Patron in presence of Chief Guest Prof. Ram Lakhan Singh, VC, Nilamber-Pitamber University, Medininagar (Jharkhand), Guest of Honour Mr. Vinay K. Tiwari, CMD, VV Biotech Pvt. Ltd., Prof. Suhel Parvez, Coordinator, DST-STUTI PMU, Jamia Hamdard, Prof. P. P. Sarthi, Dean, SEBES, CUSB, Prof. Durg Vijai Singh, Head, Dept. of Biotechnology, Prof. Rizwanul Haque, Convener, Prof. R. K. Singh, Dr. Nitish Kumar, Dr. Krishna Prakash and Dr. Jawaaid Ahsan and other dignitaries. A total of 30 participants registered themselves for the training programme and got exposure about Immune cells separation and culture, Flow Cytometry for detection of cells, Western Blot for detection and quantification of proteins, ELISA for diagnosis of diseases. In the valedictory session CUSB Registrar Col. R. K. Singh as the chief guest spoke about importance of research and innovation.

### Talk on "Introduction to Structural Equation Modelling", 20th September, 2022

The Dept. of Commerce of CUSB organised a talk on "Introduction to Structural Equation Modelling and its applications using AMOS and Smart PLS". Prof. Elangovan. N. from the School of Business and Management, Christ University, Bangalore said that SEM is a statistical and





advanced technique which provides graphical model and causal relation. He conducted practical sessions of SEM through various softwares with special focus on two i.e., AMOS and Smart PLS. Faculty members of Commerce Dept. namely, Dr. Rachana Vishwakarma, Ms. Renu, Dr. Pradip Ram and Dr. Pawas Kumar attended the talk with research scholars and students.

## Google Sponsored Fake News Workshop, 30th September, 2022



The Department of Mass Communication & Media of CUSB organised the Google Sponsored Fake News Workshop which was participated by media professionals of Gaya district. The authentic Google Trainer of the workshop was Dr. Ravi Suryavanshi (Assistant Professor, Media Dept., CUSB), in addition, Dean and Head of the Department, Prof. Atish Prashar and PRO Md. Mudassir Alam also shared their views. Dr. Ravi Suryavanshi trained the media persons regarding identification and prevention of fake news. He made the participants aware about various tools like Google Reverse Image, In-Vid and Yandex. He said that with the help of tools, a journalist can very easily identify fake news through his mobile phone or computer during reporting.

## Lecture on "NEP, 2020 and Role of Teachers", 13th October, 2022

The School of Law and Governance (SLG) of CUSB conducted a talk under the Public Lecture Series to



commemorate Azadi Ka Amrit Mahotsav. The lecture on "NEP, 2020 and Role of Teachers" was delivered by Prof. Amar Pal Singh, Dean, GGSIU, New Delhi. He presented a brief history on previous National Education Policies and established how the NEP 2020 will bring change in the future. Prof. S. P. Srivastava (Dean, SLG, CUSB) said that it is imperative for India to have an education system, with equitable access to the highest-quality education for all learners regardless of social or economic background. Dr. Digvijay Singh, Asst. Prof., SLG coordinated the lecture, while Prof. Ashok Kumar proposed vote of thanks.

## Webinar on Wealth Creating through Personal Finance, 15th October, 2022



The Dept. of Commerce of CUSB organised a webinar on "Wealth Creation Through Personal Finance". Prof. Asha Ram Tripathi, Ex. Dean, Dept. of Commerce, BHU discussed the importance of savings and investment for creating a firm financial standing of individuals. Prof. Brajesh Kumar, Head, Dept. of Commerce discussed problems and misconceptions of personal finance. The resource person Mr. Suryakant Sharma highlighted various dimensions of investment like importance of investments at early age, benefits of compound interest, basics of SIP, Mutual funds, stock market etc. The webinar was co-ordinated by Dr. Rachana Vishwakarma & Dr. Pawas Kumar proposed the vote of thanks.

## Special Lecture on Fintech and future of finance, 19th October, 2022



The Dept. of Commerce of CUSB organized an online lecture on "Fintech and future of finance – Research Opportunities". The session started with a welcome of the Head and Dean Prof. Brajesh Kumar. As the resource person, Dr. S. Kumar Chandar, Christ University, Bangalore said Fintech is a technology that helps facilitate retail financial services in a new way. The resource person highlighted the difference between Fintech and TechFin. Vote of thanks was proposed by the event coordinator, Dr. S. Shanmugam, in presence of Dr. Rachana Vishwakarma, Ms. Renu, Dr. Pradip Ram and Dr. Pawas Kumar.





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### Workshop on Questionnaire preparation & Data Interpretation, 21st October, 2022



The Dept. of Development Studies of CUSB organized one day workshop on questionnaire preparation and data interpretation for research scholars. The workshop coordinated by Dr. Anju Helen Bara, Asst. Prof., DVS was participated by 40 research scholars. Dr. Samapika Mohapatra, Associate Prof, DVS delivered a talk on Questionnaire Design for Qualitative Research. Dr. Firdaus Fatima Rizvi, Asst. Prof., DVS explained the Questionnaire preparation for other quantitative research & the logical development of questionnaire & coding for data entry.

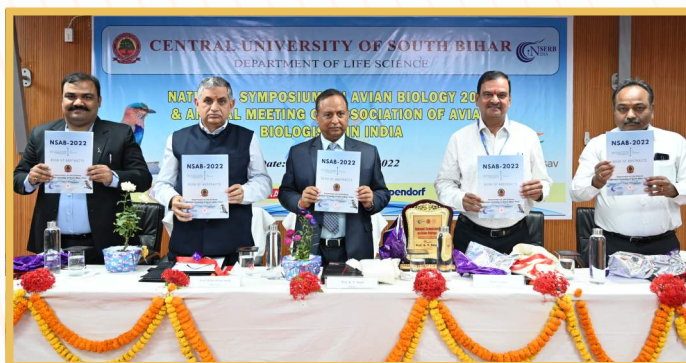
### Webinar on "Jobs and Opportunities in Geosciences", 05th November, 2022



The Dept. of Geology of CUSB in collaboration with the Internal Quality Assurance Cell (IQAC) organised the webinar on "Jobs and Opportunities in Geosciences". Webinar co-ordinator Dr. Vikal Kumar Singh, Assistant Professor, Geology introduced the resource person to the students and participants. Mr. Niteesh Kumar Dutta, Ex-Director General, Geological Survey of India, Nagpur in his talk covered various aspect of the topic and explained employments opportunities in the field of Geosciences. Opening remarks of this webinar were given by Prof. P. P. Sarthi, Dean, SEBES while Prof. Venkatesh Singh, Coordinator, IQAC, CUSB, Gaya, briefed about the aim and motive of cell and the webinar. Dr. K. Milan Kumar Sharma, Associate Professor, Geology introduced the Department in brief, while Dr. Dharendra Kumar, Asst. Prof., Geology proposed the vote of thanks.

### National Symposium on Avian Biology 2022, 09th-11th November, 2022

The Dept. of Life Science of CUSB in collaboration with NSERB organised a three-day National Symposium on Avian Biology – 2022. The symposium was organised with the aim to provide a suitable platform for participants to come together, discuss and share the knowledge about various aspects of avian research. The symposium was inaugurated by CUSB VC Prof. K. N. Singh, chief guest



Dr. Rameshwaram Singh, VC, BASU, Patna with Dean Prof. P. P. Sarthi and HoD Dr. Ram Pratap Singh. Experts delivered the talk during the symposium were Dr. P. A. Azeez, Bharathidasan University, Tiruchirappalli, Dr. Manjari Jain, IIS, Mohali, Dr. Goldin Quadros, Principal Scientist, SACON, Prof. Sangeeta Rani and Dr. Akansha Sharma from UoL, Dr. Purnima Devi Barman, Conservation Biologist, Aaranyak, Assam, Dr. Manchi Shirish, Principal Scientist, SACON, Dr. V. V. Robin, IIS, Tirupati, Dr. A. K. Trivedi, Mizoram University, Prof. Hilloljyoti Singh, Bodoland University, Assam, Prof. Ramana Athreya, IIS, Pune, Dr. Anil Kumar, ZSI, Prof. A. S. Dixit, NEHU, Shillong, Dr. K. V. H. Sastry, Principal Scientist, ICAR, Bengaluru and Dr. Gaurav Majumdar, UoA.

### Special Lecture on 'National Seismological Service' by Dr. A. P. Singh, 14th November, 2022

The Dept. of Geology of CUSB organized a lecture entitled 'National Seismological Service in India: An Overview' delivered by Dr. A. P. Singh (Scientist "E"), National Centre for Seismology, Ministry of Earth Sciences, New Delhi. Dr. A. P. Singh gave the brief overview of the seismic hazard and seismic zones of India with the case study of major earthquake happened in Indian subcontinent during the last few decades. He discussed about the seismicity monitoring and real-time analyses of earthquake in Indian and global scenario.



### Lecture on 'Paradigm Shift in Geography in the 21st Century' by Prof. Jagdish Singh, 16th November, 2022

The eminent geographer Prof. Jagdish Singh delivered a lecture on the topic 'Paradigm Shift in Geography in the





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21st Century' while inaugurating the newly established Dept. of Geography at CUSB. Along with Prof. Jagdish Singh, CUSB Vice-Chancellor Prof. K. N. Singh, Prof. P. P. Sarathi (Dean, SEBES), Prof. Kiran Kumar (HoD, Geography, CUSB), Deans, Heads, faculty members and students were present in the event. Prof. Jagdish Singh in his lecture emphasized the importance of Geo-Spatial Management and it's need of today's Geographers to incorporate it, in the teaching and research activities for the welfare of the society. He also conveyed the message to the department to stay updated with the latest technological advances in the discipline. The programme was compared by Dr. Sunita Singh with the technical support of Dr. Kiran Kumari Singh and Dr. Somnath Bera. Vote of thanks was given by Dr. Rupesh Gupta a faculty member of the department.

### Workshop on Prevention of Fake News for Magadh University (MU) Students, 19th November, 2022



The Dept. of Mass Communication and Media organized a workshop on Prevention of spread of Fake News under the joint aegis of Google News Initiative India and Dataleads. A large number of students from the media department of Magadh University, Bodh Gaya and CUSB participated in the event. The program was started with the inaugural address of Dean of Media Prof. Atish Prashar who said that in today's society, fake news has emerged as a complex problem, whose prevention is necessary. Further, Dr. Ravi Suryavanshi, Asst. Prof., Mass Comm. and certified Google trainer gave the training to participants regarding identification and prevention of fake news.

### Impact Lecture on CADD methods by Prof. M. Rami Reddy, 18th November, 2022



The Dept. of Bioinformatics of CUSB organised an impact lecture on Computer-aided drug design methods, briefly called as CADD methods. The keynote speaker Prof. M. Rami Reddy, pioneer in drug discovery technologies and chairman of Rational Labs Inc., San Diego in California said that CADD methods have huge potential for the cure of diabetes, cancer, cardiovascular, AIDS and many infectious diseases. In a case study on Diabetes, Dr. Reddy

said that he could easily transform a failed molecule into a success story at Metabasis Therapeutic Inc, San Diego, which otherwise is hard to imagine. Prof. RS Rathore introduced the guest Dr. Reddy to the audience, while Dr. Asheesh Shanker, Head, Dept of Bioinformatics, presented the memento to the speaker and concluded the event, which was attended by Dr. Ajay Kr. Singh, Dr. Krishna Kr. Ojha, Dr. Durg Vijay Singh, Dr. Vijay Kumar Singh, Dr. Anil Kumar and students of many other departments.

### FDP on the "Latest Perspectives of Research in Behavioural Science", 21st Nov- 01st December, 2022



A two-week long Faculty Development Programme on "Latest Perspectives of Research in Behavioural Sciences (Interdisciplinary)" was organized by the Dept. of Teacher Education (DTE), School of Education of CUSB. A total of 114 faculty members from various universities and colleges across 20 Indian states participated in the programme. During the two week programme many experts from across the country conducted the sessions on various aspects related to efficient teaching practices. Prof. Kaushal Kishore, Head & Dean, DTE formally welcomed the guests and the participants. After that Dr Tapan Kr. Basantia, the Programme Coordinator & Nodal Officer PMMMNMTT scheme briefed the session about the scheme. Dr. Sandeep Kumar, the co-coordinator of the programme shared the details of the participants. Chief Guest, Prof. Harikesh Singh, Former VC Jai Prakash University, Chapra, in his inaugural address said that holistic knowledge can be created by cutting the boundaries between various disciplines. CUSB VC Prof. K. N. Singh stated that research needs passion, perseverance, and honesty. Prof. Sau Hau Chang, School of Education, Indiana University Southeast, USA, a full bright fellow of CUSB was a special invitee of the programme. Dr Swati Gupta, Asst. Prof., DTE compared the session & the vote of thanks was presented by Dr. Mitanjali Sahoo.

### Talk on Ground Improvement Techniques by Dr. Suresh Kumar, 22nd November, 2022

The Dept. of Environmental Science of CUSB organised an invited talk on "Ground Improvement Techniques for Landfill soil and its Innovative Management". The talk was coordinated by Dr. Rajesh Kr. Ranjan, Asst. Prof., EVS, while Prof. P. P. Sarthi, Dean & Head welcomed the Guest Speaker Dr. Suresh Kumar, Assistant professor, Department of Civil Engineering, IIT







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(BHU). Dr. Suresh Kumar started his talk with the first idea of the current waste generation rate and the availability of land for the waste disposal. He covered details on various types of landfilling methods including Valley, Area, and Trench methods. Awareness is the key to save environment and the proper utilization of waste for creating wealth by various recycling purposes.

### National Seminar on Roots of Democracy in Ancient India: Theories & Praxis, 23rd November, 2022



A one-day national seminar on "Roots of Democracy in Ancient India: Theories and Praxis" was organised by the Dept. of Political Studies of CUSB under the supervision of CUSB VC Prof. K. N. Singh. The event started an introductory remarks and welcome address by Dr. Praveen Kumar, Associate professor, DPS. Dr. Vinay Sahasrebuddhe, President of ICCR as the chief guest delivered the keynote address. The main focus of his address was on the ancient tradition of democracy concerning Atherv Veda where Sabha and Samiti, two sets of assembly were in practice in ancient Indian practices. CUSB VC Prof. K. N. Singh said that the National Education Policy-2020 is also focussing on the Indian Knowledge System that is deeply-rooted in the Ancient Indian Education System. At the end Prof. Krishnan Chalil, Dean, SSP proposed the vote of thanks. The sessions were addressed by galaxy of academicians including Prof. Arvind Kumar, Prof. Piyush K. Sinha, Dr. Alok Kr. Gupta, Dr. Sanjay Kr., Dr. Shantesh Kr. Singh, Dr. Anita Bhatt, Dr. Pranav Kr., Dr. Ashish Mistri, Dr. Namita Kumari, Dr. Aslam Khan, etc. Papers were presented by academicians & research scholars from various parts of India in the seminar.

### Lecture on "Why Literature Matters?" Dr. Tabish Khair, 25th November, 2022



The Dept. of English of CUSB organised a public lecture on the topic, "Why Literature Matters?" Dr. Tabish Khair an eminent novelist and poet delivered the aforesaid lecture. The session commenced with a formal felicitation of the resource person by Dr. Arpana Jha, Dr. Vipin Kumar Singh and Prof. Prabhat Kumar Singh. Dr. Sunil Kumar introduced

the resource person to all the faculty members and participants. Dr. Tabish Khair began his discussion with his emphasis on the fact that Literature has ceased to be just a piece of singular narrative rather it has transformed into a thinking device and that is why Literature matters. He drew a beautiful analogy between language and literature. Dr. Khair drew his references from the late 19th-century text, Heart of Darkness. He also criticised the overt use of computational methods and artificial intelligence. Later, Dean, Prof. Suresh Chandra resonated with the question, "Why Literature Matters?" by highlighting various references from Hindi Literature. Dr. Archana Kumari proposed the vote of thanks at the end.

### Lecture by Prof. David William Tushaus, 28th November, 2022



Prof. David William Tushaus, Missouri Western State University, St. Joseph, United States of America (USA), delivered a special lecture on the topic "Importance of Clinical Legal Education and Legal Aid in India" organized by the School of Law and Governance of CUSB. The keynote speaker Mr. Tushaus threw light on Legal Aid, Clinical Legal Education and issues related to it. Prof. Tushaus emphasized that legal aid can play a big role in making common people aware of their rights and providing them justice. CUSB Registrar Col. R. K. Singh gave some positive suggestions while establishing a mutual relationship between the problems of law and society. The event was presided over by Prof. S. P. Srivastava, Dean, SLG and at the end Dr. Anuja Mishra, delivered the vote of thanks.

### FDP on Data Analysis in Social Science Research through SPSS and Excel Software, 05th-09th Dec, 2022



The Dept. of Teacher Education, CUSB organised a One-Week Faculty Development Programme (FDP) on "Data Analysis in Social Science Research through SPSS and Excel Software" under the PMMMNMTT scheme of MoE, GOI. The event organised under the supervision of CUSB VC Prof. K. N. Singh was coordinated by Dr. Tarun Kr. Tyagi, Asst. Prof. and Lt. (Dr.) Pragma Gupta. It was attended by a



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total 32 faculty members from 12 states of the country. A total of 12 resource persons discussed theme in great detail. Prof. Kaushal Kishore, Dean, SoE, formally welcomed the guests while Dr. Tapan Kumar Basantia, Nodal Officer of PMMMNMTT Scheme, CUSB briefed about the scheme. Noted experts of the FDP were Prof. P.K. Sahu, former VC, UoA, Prof. Dr. Sau Hou Chang, Indiana University Southeast, USA, Prof. Bhudev Singh, BHU, Prof. Rajni R. Singh, Lucknow University, Dr. Dilip Kr. Singh, Asst. Prof., Ch. MP Degree College, UoA, Dr. Jai Singh, Vasanta College Varanasi, Dr. Sushil Kumar Tyagi, DAV Indore, Dr. Jaspreet Kaur, Associate Professor, Dr. Bhudev Singh, BHU and Prof. Gyanendra Nath Tiwari, Nagaland University.

**"बाबा साहब भीमराव अंबेडकर : एक महामानव" पर व्याख्यान, 06 दिसंबर, 2022**



भारत रत्न बाबा साहब डॉ. भीमराव अंबेडकर के महापरिनिर्वाण दिवस के उपलक्ष्य में सीयूएसबी में “बाबा साहब भीमराव अंबेडकर : एक महामानव” विषय पर विशेष व्याख्यान का आयोजन किया गया। कार्यक्रम के आरंभ में डॉ. जगन्नाथ राय, सह प्राध्यापक, रसायन विभाग एवं अध्यक्ष एससी / एसटी सेल ने सेल के गठन और कार्यों का परिचय कराया एवं विकास अध्ययन विभाग की सहायक प्राध्यापक डॉ. अंजु हेलन बारा ने मुख्य अतिथि का परिचय कराया। मुख्य वक्ता डॉ. गुरु प्रकाश ने कहा कि अंबेडकर जी के सपनों का भारत सामाजिक समरसता से परिपूर्ण तथा छूआछूत, भेद-भाव चाहे वह लिंग, जाति, समुदाय तथा धर्म किसी भी रूप में हो, से इतर था। अध्यक्षीय उद्बोधन में कुलपति प्रो. कामेश्वर नाथ सिंह ने कहा कि भारत रत्न बाबा साहब भीमराव अंबेडकर द्वारा निर्मित संविधान ही भारत जैसे विशाल देश को एक सूत्र में बांधे रखने में सक्षम है। कार्यक्रम के अंत में धन्यवाद ज्ञापन शिक्षक शिक्षा विभाग के सह प्राध्यापक डा. रवि कान्त द्वारा प्रस्तुत किया गया।

**Talk on “Media Research in Digital Era” by Prof. Sau Hou Chang, 07th December, 2022**



Prof. Sau Hou Chang, a Professor & Faculty Coordinator for Diversity and Inclusivity, School of Education, Indiana University Southeast, USA delivered a talk on the topic “Media Research in Digital Era: Prospects and Challenges” organised by Dept. of Journalism and Mass Communication of CUSB. Prof. Atish Prashar, Dean & Head of Dept. introduced her to the audience in presence

faculty members Dr. Kinshuk Pathak and Dr. Sujeet Kumar. Prof. Chang said that in the digital era the fake news, propaganda and misleading information have come forth as a big global challenge. Almost every day we come across the fake news that is shared on social media platforms like Facebook, Instagram, Twitter, etc. and the problem is becoming bigger and bigger in due course of time. She took the questions of the audience regarding the opportunities in higher studies like PhD and Post-doctoral research in the Universities of the USA.

**Guest Lecture by Dr. Kundan Kumar, University of Bergen, 11th-13th December, 2022**



Dr. Kundan Kumar, Associate Professor, University of Bergen, Norway delivered two back-to-back lectures organised by the Dept. of Mathematics of CUSB. In his first lecture on ‘Multiphysics processes in porous media’, Dr. Kundan underlined the various applications of porous materials and the importance of their study through mathematics. In his second lecture ‘Applications of MRST an open source software for mathematical science’, Dr. Kundan Kumar said that mathematical computations are helpful in forecasting multiple scenario studies.

**Special Lecture on Stress Free Life Management by B.K. Michel Simon, 22nd December, 2022**



The Students Counselling and Well Being Centre in collaboration with Dept. of Psychological Sciences of CUSB organized a special lecture on “Stress Free Life Management”. The lecture was organised by convenor Prof. Dharmendra Kr. Singh, co-ordinator Dr. Manglesh Kumar Manglam and co-coordinator Dr. Das Ambika Bharti. The invited speaker French citizen, an international speaker and meditation expert, also affiliated to the Brahma Kumari World Spiritual Society, Mr. B.K. Michel Simon shared his views and valuable tips about leading a stress-free life and its management. He said that right attitude and thinking process are the path of stress-free life. Mr. Simon further mentioned happiness comes in life if you are flexible in nature, maintaining harmony with nature develop self-realization and not demanding.





# Faculty Publications & Academic Activities

## Department of Bioinformatics

**Dr. Ajay Kumar Singh, Associate Professor**

### Research Paper

- ➡ Yadav K. K., Anil Kumar A, Singh A.K\*. A systems biology approach towards oral cancer using computational tools and techniques. *Chemometrics and Intelligent Laboratory Systems*. 231 (2022) 104709. (8 November, 2022). Impact Factor (4.175) doi.org/10.1016/j.chemolab.2022.104709.
- ➡ Yadav K.K., Singh A.K.\* Topology based Protein-protein interaction analysis of Oral cancer proteins. *Current Science*. (Nov 2022) *Current Science*, VOL. 123, NO. 10, 25 November 2022. (Impact Factor: 1.169). Doi: 10.18520/cs/v123/i10/1216-1224.

## Department of Life Science

**Dr. Gautam Kumar, Assistant Professor**

### Book

- ➡ Kumar A, Kumar N, Kumar G, Kumari G, Rana L, Sahoo SK (eds) (2022) *Agriculture and climate change: Impacts and solutions*. Brillion Publishing, New Delhi.

### Book Chapters

- ➡ Basu S, Sarkar S, Prasad R, Kumar G\* (2022) Current approaches for alleviating abiotic stress tolerance in crops: role of beneficial microorganisms, In: *Beneficial microorganisms in agriculture*. Springer, Singapore, pp 231-248.
- ➡ Basu S, Priyadarshini P, Prasad R, Kumar G\* (2022) Effects of microbial signaling in plant growth and development. In: *Beneficial microorganisms in agriculture*. Springer, Singapore, pp 329-348.
- ➡ Kumari S, Basu S, Kumar G\* (2022) Effects of concurrent elevation in temperature and carbon dioxide on growth, carbon metabolism & flowering in plants. In: *Agriculture and climate change: Impacts and solutions*. Brillion Publishing, New Delhi, pp 7-24.
- ➡ Sarkar S, Basu S, Kumar G\* (2022) Impacts of climate change on C3 and C4 plant metabolic pathways. In: *Agriculture and climate change: Impacts and solutions*. Brillion Publishing, New Delhi, pp 25-36.
- ➡ Sarkar S, Basu S, Kumar G\* (2022) Sustainable crop production under abiotic stress conditions. In: *Agriculture and climate change: Impacts and solutions*. Brillion Publishing, New Delhi, pp 143-154.
- ➡ Sarkar S, Basu S, Prasad R, Kumar G\* (2022) Phytoremediation: Mechanistic approach for eliminating heavy metal toxicity from environment, In: *Phytoremediation for environmental sustainability*. Springer, Singapore, pp 513-543.

### Articles in Journal

- ➡ Kumar S, Basu S, Choudhary AK, Mishra JS, Mondal S, Shekhar S, Dwivedi SK, Kumar R, Kumari S, Bhakta N, Kumar S, Kumar U, Kumar A, Kumar G\* (2023) Redox imbalance disrupts spikelet fertility in rice: A study under stage-specific and multi-stage drought in eastern Indo-Gangetic plain. *Environmental and Experimental Botany* 205, 105121. doi: 10.1016/j.envexpbot.2022.105121 [IF: 6.028]
- ➡ Kumar A, Basu S, Kumari S, Shekhar S, Kumar G\* (2022) Effective antioxidant defense prevents nitro-oxidative stress under arsenic toxicity: A study in rice genotypes of eastern Indo-Gangetic plains. *Environmental and Experimental Botany* 204, 105084. [IF: 6.028]
- ➡ Basu S, Prabhakar AA, Kumari S, Aabha, Kumar RR, Shekhar S, Prakash K, Singh JP, Singh GP, Prasad R, Kumar G\* (2022) Micronutrient and redox homeostasis contribute to *Moringa oleifera*-regulated drought tolerance in wheat. *Plant Growth Regulation* [IF: 3.242]
- ➡ Basu S, Kumar A, Rishu A K, Kumar G\* (2022) Revisiting

the mechanisms of arsenic uptake, transport and detoxification in plants. *Environmental and Experimental Botany* 194, 104730. [IF: 6.028]

- ➡ Kumar G, Basu S, Singla-Pareek, SL, Pareek, A (2022) Unraveling the contribution of OsSOS2 in conferring salinity and drought tolerance in a high-yielding rice. *Physiologia Plantarum* 174(1), e13638. [IF: 5.081]
- ➡ Kumar A, Basu S, Kumar G\* (2022) Evaluating the effect of seed-priming for improving arsenic tolerance in rice. *Journal of Plant Biochemistry and Biotechnology* 31(1), 197-201. [IF: 1.525]

### Participation in Conference / Workshop / Lectures

- ➡ As the Resource Person "Understanding the mechanisms of environmental stress tolerance in plants" In: Web on faculty development program (FDP) organized by Dept. of Biotechnology, SRM Institute of Science and Technology, Ramapuram, Chennai during 20-26th June, 2022.
- ➡ Kumari S, Basu S, Kumar G\*. Exploring the strategies of combined high temperature and drought tolerance in rice. In: "3rd World Environment Summit-2022" organised by Environment and Social Development Association (ESDA), Delhi during 15th to 16th October, 2022.
- ➡ Kumar S, Choudhary AK, Basu S, Kumar G, Kumar A. Agro-morphological, physiological & anatomical changes in rice genotypes under stage specific & cumulative drought conditions in eastern region of India in 7th International Conference on "Global Research Initiatives for Sustainable Agriculture & Allied Sci-2022" organised by Astha Foundation, Meerut during 21-23 Nov, 2022.

### Other Activities / Achievements

- ➡ Master Trainers Training Programme on "Capacity Building of Faculty as Master Trainers for Community Based Participatory Research for Community-engaged Teaching of Compulsory Course on Social Responsibility of Higher Education under NEP-2020" organised by UGC.
- ➡ 27th Refresher Course in Life Sciences and Biotechnology organised by UGC-HRDC, Jawaharlal Nehru University during 26th September to 10th October, 2022.

**Dr. Amrita Srivastava, Assistant Professor**

### Research Paper

- ➡ Chaudhary A, Bhardwaj SK, Khan A, Srivastava A, Sinha KK, Ali M, Haque R (4th October 2022). Combinatorial Effect of Arsenic and Herbal Compounds in Telomerase-Mediated Apoptosis Induction in Liver Cancer. *Biol Trace Elem Res*. doi: 10.1007/s12011-022-03430-0.

### Participation in Conference / Workshop / Lectures

- ➡ Delivered talk as invited speaker in International Conference in Advances in Life Sciences organised by IQAC and Department of Botany, Patna University from 22-23 November 2022. "Srivastava A, Khan A, Singh P, Kumar R, Singh A. Microbial Siderophore: Key to purposeful metal chelation."

## Department of Geology

**Prof. Prafull Kumar Singh, Professor**

### Research Paper

- ➡ Prafull Singh, A. S Chaudhuri, Pradipika Verma and Vivek Singh (2022) Earth Observation data sets in Monitoring of Urbanization and Urban Heat Island of Delhi, India. *Geomatics, Natural Hazards and Risk*. 13:1, 1762-1779, DOI: 10.1080/19475705.2022.2097452 (IF: 3.922)

### Other Activities / Achievements

- ➡ Review Editor, *Hydrosphere*, *Frontiers in Earth Science*. Impact Factor 3.661. <https://www.frontiersin.org/journals/earthscience/sections/hydrosphere/editors>





## Department of Geography

**Dr. (Mrs.) Kiran Kumari, Professor**

### Participation in Conference / Workshop / Lectures

- Presented a paper on title "Sustainable Agriculture in Bihar: Challenges and Prospects" in National Conference at Aligarh Muslim University, Aligarh during 05-06 November, 2022. Also, co-chaired a session at the Technical Session-IX themed "Agriculture & Geo-Spatial Technology" at National Conference on "Agriculture, Environment, and Sustainable Development in India: Post- Independence Scenario.

**Dr. Kiran Kumari Singh, Associate Professor**

### Participation in Conference / Workshop / Lectures

- Presented a paper on "Decolonizing Geography Curricula in India: Reflections of the key scholarly texts" in National conference on 'Bhartiya Bhasha Madhyam se Uchcha Shiksha: Sambhawanayw, Chunauiya aur shikshako ki taiyari' organised by Dept. of Teacher Education of CUSB in collaboration with Vidya Bharati Uchcha Shiksha Sansthan during September 15-16, 2022. Also, chaired a session on "Availability of Quality teaching Material in Indian languages in Higher Education" in the conference.
- Participated in the "One day Eastern Region Consultation Workshop with Civil Society Groups on National Curriculum Framework (Bihar and West Bengal)" organised by CUSB in collaboration with NCERT, New Delhi on August 13, 2022.

**Dr. Sunita Singh, Assistant Professor**

### Research Paper

- "Crop classification and acreage estimation in Varanasi District Using multi-spectral & temporal earth observation data" is accepted in Applied Ecology and Environmental Sciences of USA.

### Participation in Conference / Workshop / Lectures

- Participated as a keynote speaker in the International Conference on Contemporary Multidisciplinary Issues in Applied Sciences, Humanities, Agriculture, Animal Health & Production (ASHAA2022) and delivered the talk on "Crop Yield & Acreage Estimation using Earth Observation Data in Varanasi District, U.P. (INDIA)" in Rajiv Gandhi South Campus, Banaras Hindu University on 14th November 2022.
- Presented a paper entitled "Crop classification using Landsat 8 and Sentinel B data in Varanasi district Uttar Pradesh" in the two-day National Conference on Climate Change, Environment & Sustainable Development organised by Dept. of Geography Economics, K.M.C. Language University, Lucknow during 24-25 August, 2022.

**Dr. Somnath Bera, Assistant Professor**

### Article in Journal

- Bera, S., Gnyawali, K., Dahal, K., Melo, R., Li-Juan, M., Guru, B., & Ramana, G. V. (2023). Assessment of shelter location-allocation for multi-hazard emergency evacuation. International Journal of Disaster Risk Reduction, 84, 103435.

### Other Activities / Achievements

- Delivered an invited talk as a resource person on "Vulnerability, Risk and Resilience Mapping in Himalayas". Organized by Central University of Tamil Nadu (CUTN) in school training programme on "Geospatial Technology and Its Applications - Level 1 (GeoTIA - 2022) during 22-26 August, 2022

**Dr. Manjit Singh, Assistant Professor**

### Participation in Conference / Workshop / Lectures

- Paper presented on topic "Rural Accessibility and Agricultural Transformation in Himachal Pradesh" in National Seminar & 1st Annual Meet of GSHP on Geography, Development and Public Policy, jointly organised by Dept. of Geography, Himachal Pradesh University, Shimla and GSHP

in collaboration with NWRC, ICSSR, Chandigarh on 23-24, September, 2022.

### Other Activities / Achievements

- Successfully completed online, the Faculty Induction Programme (FIP) obtained grade 'A only' from UGC and Human Resource Development Centre (HRDC), JNU, Delhi held from 31st October to 28th November, 2022.

## Department of Teacher Education

**Dr. Md. Mozammil Hassan, Assistant Professor**

### Research Paper

- Kumar, K. & Hassan, M. (July 2022). Educational Interest of Students at Secondary Level in Bihar – An Intensive Study. Bhavaveena (ISSN 2456-4702), 19(7).

### Participation in Conference / Workshop / Lectures

- As a subject expert attained a workshop on 'Development of Training Module for Madrasa Teachers' organised by Bihar State Madrasa Board and UNICEF between 17-21 September, 2022
- As a subject expert attained the 5days workshop on 'Development of Training Module for Madrasa Teachers' organised by Bihar State Madrasa Board and UNICEF between 12-16 November, 2022

**Dr. Sandeep Kumar, Assistant Professor**

### Research Paper

- Achievement Motivation of Prospective Teachers in Relation to their Lifestyle, 9 10 (1), Bhava Veena, October, 2022.

### Participation in Conference / Workshop / Lectures

- Acted as a resource person in the two-week Faculty Development Programme (FDP) entitled 'Latest Perspectives of Research in Behavioral Sciences (Interdisciplinary)' organised by Dept. of Teacher Education, CUSB under PMMMNMTT Scheme of Ministry of Education, Govt. of India during 21st November to 1st December, 2022

## Department of Physical Education

**Dr. Usha Tiwari, Associate Professor**

### Publications

- Published a paper in Scopus listed Journal Health, Sports and Rehabilitation on "Analysis of Platelets count among female athletes of Volleyball, Judo and Football; A Comparative Study" D Kaur, A Malik, U Tiwari, TD Shukla, S Kumar & M Paramanic.
- Published a paper in Peer Review Refereed Open Access UGC Care International Journal of Economic Prospective (IJEPE) "Relationship of Personality Traits and Socio-Economic Status of the Sports and Non-Sports Students of Law". Rekha Narwal, Usha Tiwari & D. Tiwari.
- Patent Published by Indian Patent Office, Office of the Controller General of Patents, Designs and Trade Marks Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Government of India on "IOT-Based Health Monitoring Footwear System" Usha Tiwari, Reena Poonia, October 2022.
- Patent Published by Indian Patent Office, Office of the Controller General of Patents, Designs and Trade Marks Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Government of India on "Artificial Intelligence Based Personalized Dietary Plan for Sports Person", Usha Tiwari, Vimlesh Tanwar, October 2022.

### Other Activities / Achievements

- Participated in One Day Regional Consultation Workshop with Civil Society Group on National Curriculum Framework (Bihar & West Bengal), organised by CUSB, in collaboration with National Council of Education Research and Training, New Delhi on August 13, 2022.





# Faculty Publications & Academic Activities

Invited as Jury member for All India Interuniversity Swimming Tournament organised by KIIT & KISS University Bhubaneswar in December 2022

## Department of Psychological Sciences

**Dr. Das Ambika Bharti, Assistant Professor**

### Book Chapter

Fatima, M. & Bharti, A. D. (2022) Marital adjustment of the Indian married working women. In Saroj, S. & Gupta, K. (Eds.), Exploring the other half: Challenges faced by women in India, (pp. 112-119) Tamilnadu, India: Notion Press Media Pvt Ltd.

### Articles in Journals

Kumar, K. S. & Bharti, A. D. (2022). Mental health in arsenic-induced cancer: a study from middle Gangetic plain of Bihar, India. *Journal of Water, Sanitation and Hygiene for Development*, 12 (10), 711-720. DOI link: <https://doi.org/10.2166/WASHDEV.2022.077>. Published Online: on 2022-09-23 IF: 1.786 (Indexed in Scopus)

Kumar, K. S. & Bharti, A. D. (2022). Is Stress, Anxiety and Depression Salient in Arsenic-Induced Cancer? *Indian Journal of Clinical Psychology*, 49 (1), 23-27. (UGC CARE listed)

Kumar, S. R. & Bharti, A. D. (2022). Prevalence of Internet Gaming Disorder (IGD) among youth of Bihar. *Indian Journal of Clinical Psychology*, 49 (1), 70-76. (UGC CARE listed)

Kumar, S. R. & Bharti, A. D. (2022). Internet Gaming Disorder: A Scoping Review and Future Direction. *Journal of Health Science and Medical Research*, doi:<http://dx.doi.org/10.31584/jhsmr.2022908>. Published First online on November, 2022 (Indexed in Scopus)

### Participation in Conference / Workshop / Lectures

Delivered an invited lecture on "Client Centred Therapy: Theoretical Propositions and Application in the lecture series organised by Department of Psychology, Vasanta College for Women & Arya Mahila P.G. College, Varanasi.

## Department of English

**Mr. Abhay Leonard Ekka, Assistant Professor**

### Participation in Conference / Workshop / Lectures

Presented a paper titled "The Role of Languages in Eclectic Approaches of Teaching in Indian Context" in National conference on 'Bhartiya Bhasha Madhyam se Uchcha Shiksha: Sambhawanaye, Chunautiya aur shikshako ki taiyari' organised by Dept. of Teacher Education of CUSB in collaboration with Vidya Bharati Uchcha Shiksha Sansthan during September 15-16, 2022

Presented a paper on "Appropriation and Rejuvenation of Folklore in Suniti Namjoshi's works" in two-day National Seminar on "Folklores of India: Texts and Contexts" organized by Dept. of English, Vasanta College for Women, Varanasi, sponsored by ICSSR, New Delhi, 04-05 Nov., 2022

## Department of Law & Governance

**Dr. Digvijay Singh, Assistant Professor**

### Participation in Conference / Workshop / Lectures

Delivered invited lectures on the topics (i) "The Dowry Prohibition Act, 1961" and "The Protection of Human Rights Act, 1993" and (ii) "The Limitation Act, 1963", and "The Registration, Act 1908" to Block Panchayati Raj Officers in Institutional Training Programme at Bihar Institute of Public Administration and Rural Development (BIPARD), Gaya, during November - December 2022.

Invited lecture on the topics "Critical Legal Study", "Enforcement of Morality: Issue of Suicide", and "Roscoe Pound's Theory of Social Engineering" to Ph.D. Scholars at Atal Bihari Vajpayee School of Legal Studies, CSJM University, Kanpur on October-November 2022.

Invited Lecture on the topics "The Limitation, 1963", and "The Dowry Prohibition Act, 1961" to Probationary Officers of Indian Administrative Services (2021 Batch) Training Program at BIPARD, Gaya, October 2022.

Invited lecture on the topic "Patenting of Agricultural Biotechnology and Issue of Farmers' Rights" in Refresher Course on Emerging Trends in Law: International and National Perspectives organised by UGC-HRDC, Dr. Harisingh Gour Vishwavidyalaya, Sagar on 12 July 2022.

Presented a paper titled "Revisiting the Idea of Rule of Law under Classical Hindu Law" in ICHR sponsored One-Day National Seminar on "Roots of Democracy in Ancient India: Theories and Praxis" organised by the Department of Political Studies, CUSB on 23 November 2022.

Presented a paper titled "Community knowledge in Digital Library: Beneficial or Not" in Tow Day National Conference (Hybrid) on Protection of Traditional Knowledge and Biodiversity: Problems and Prospects, organised by Hidayatullah National Law University, Raipur during July 27-28, 2022.

### Other Activities / Achievements

Appointment as Subject Expert in the Board of Studies (BoS), Faculty of Law, Mangalayatan University, Jabalpur for the period of three years (2022-2024).

Successfully completed One Week Faculty Development Programme on "Meaningful Research and Intellectual Property Rights", 04 to 10 July 2022, organised by PMMMNMTT, Ramanujan College, University of Delhi.

Successfully completed One Week Online FDP on "Outcome Oriented Teaching Practices & Research: A Multi-Dimensional Approach", 11-16 July, 2022, organised by School of Law, Sharda University, Greater Noida.

## Department of Computer Science

**Dr. Prabhat Ranjan, Associate Professor**

### Articles in Journals

Prabhat Ranjan, G Praveen and P K Singh, "A comprehensive blockchain technology survey: architecture, applications and challenges", *International Journal of Internet Technology & Secured Transactions*, Inderscience Publishers (IEL), Vol. 13, Issue 1, Pages 26-63, Nov 1, 2022, DOI : <https://doi.org/10.1504/IJITST.2023.127389>.

Prabhat Ranjan, G Praveen and P K Singh, "A Secure Blockchain-based Framework for Healthcare Management System", *International Journal of Information Technology and Electrical Engineering*, ITEE Publishers, Volume 11, Issue 4, Pages 28-37, August 2022.

**Dr. Piyush Kumar Singh, Assistant Professor**

### Article in Journal

Praveen, G., Singh, P. K., & Ranjan, P. (2023). A comprehensive blockchain technology survey: architecture, applications & challenges. *International Journal of Internet Tech & Sec. Transactions*, 13(1), 26-63.

## Department of Mathematics

**Prof. Roushan Kumar, Professor**

### Article in Journal

Prasad Rashmi, Sachan Satyam, Kumar Roushan. Representation of solutions of strain gradient dual-phase-lag thermoelasticity and effects of scale-length parameter in half-space. *Mathematics and Mechanics of Solids*. 2022;0(0). doi:10.1177/10812865221124873

**Dr. Pankaj Mishra, Assistant Professor**

### Articles in Journals

Pankaj Mishra, D. Kumar, Y. D. Reddy, B. S. Goud, MHD Williamson micropolar fluid flow pasting a non-linearly stretching sheet under the presence of non-linear heat





generation/ absorption, Journal of the Indian Chemical Society, 17 December, 2022  
<https://doi.org/10.1016/j.jics.2022.100845>

Pankaj Mishra, D. Kumar, J. Kumar and Abdel-Haleem Abdel-Aty, Heat and mass transport analysis of chemically reacting cross diffusion convection in a couple stress fluid-saturated rotating porous medium with internal heat generation, 1 Sep. 2022. <http://dx.doi.org/10.18576/isl/110528>

## Department of Statistics

**Dr. Richa Vatsa, Assistant Professor**

### Participation in Conference / Workshop / Lectures

Acted as a Resource Person for "Online Short-Term Course on Research Methodology" organised by UGC-HRDC, Sambalpur University held during December 12-17, 2022

Acted as a Resource Person for "Statistical Analysis Software-SPSS and R Offline Training" at the Bureau of Psychology, Allahabad during 29th Nov-1st Dec 2022

Accepted Proposal for Invited Paper Session (IPS), entitled "Data Science Techniques for Sustainable Development Goals in BRICS" and also, accepted Invited talk "Predicting short-lived climate pollutants with supervised machine learning: a study for its mitigation aiding climate change actions" to be organized at 64th World Statistics Congress, International Statistical Institute, Ottawa, Canada during 16-20 July 2023

**Dr. Kamlesh Kumar, Assistant Professor**

### Book Chapter

Kamlesh Kumar & Sunit Kumar. Estimators for the Product of Two Population Means Using Auxiliary Attribute in the Presence of Non-response, Novel Research Aspects in Mathematical and Computer Science, BP Publication, Vol. 6, 130-139, 21 July, 2022. Print ISBN: 978-93-5547-598-5, eBook ISBN: 978-93-5547-602-9, DOI: 10.9734/bpi/nramcs/v6/3210A.

### Research Paper

Kumar, Kamlesh, Kumar, Sunit & Kumar, Sanjay. New efficient estimators for population mean using doubling sampling scheme in sample surveys. Bulletin of Mathematics and Statistics Research, vol. 10 (4), 75-81, 22 December 2022. DOI:10.33329/bomsr.10.4.75.

### Other Activities / Achievements

Participated in the online two-weeks long "5th Refresher Course in Research Methodology (Interdisciplinary)" organized by HRDC, Jawaharlal Nehru University, New Delhi during 19-31 December, 2022.

## Department of Chemistry

**Dr. Angad Kumar Singh, Assistant Professor**

### Book Chapter

"Galangal – a Promising Herb in Ayurvedic Formulations: Phytochemistry and Pharmacological Evaluations" <https://doi.org/10.1039/9781839166211-00250>

## Department of Physics

**Dr. Vijay Raj Singh, Associate Professor**

### Book Chapters

Direct Evidence of the Magnetic Properties of Na<sub>3</sub>Ni<sub>2</sub>SbO<sub>6</sub> Nanopowder using X-Ray Magnetic Circular Dichroism. Authors: R. Dawn, A. Kumar, V. K. Verma, K. Kumar, and K. Amemiya, V. R. Singh. BL-16A/2021G501, Photon Factory Activity Report 2021 #39 (2022).

Electronic and Magnetic Properties of YCrO<sub>3</sub> Single-crystal using X-Ray Magnetic Circular Dichroism. Authors: R. Dawn, A. Kumari, V. K. Verma, K. Kumar, and K. Amemiya, V. R. Singh. BL-16A/2021G501, Photon Factory Activity Report (PFAR) 2021 #39 (2022).

Magnetic Properties of Pr<sub>2</sub>Ir<sub>2</sub>O<sub>7</sub> Thin-film using X-Ray Magnetic Circular Dichroism. Authors: R. Dawn, S. Jena, V. K. Verma, K. Kumar, and K. Amemiya, V. R. Singh. BL-16A/2021G501, PFAR 2021 #39 (2022).

Evidence of Variations of Magnetic Properties of Vanadium Doped CaRuO<sub>3</sub> using X-Ray Magnetic Circular Dichroism. Authors: R. Dawn, M. Zzaman, V. K. Verma, K. Kumar, and K. Amemiya, V. R. Singh. BL-16A/2021G501, Photon Factory Activity Report 2021 #39 (2022).

## Research Papers

M. Zzaman, J.B. Franklin, A. Kumar, R. Dawn, V.K. Verma, R. Shahid, M.K. Gupta, K. Amemiya, Y. Miurah, R. Meena, A. Kandasami, V.R. and Singh. Effect of Cr-Substitution on Vanadium Dioxide Thin Films Studied by Soft X-ray Magnetic Circular Dichroism. Journal of Alloys and Compounds 918, 165515 (2022).

A. Singh, R. Dawn, V. K. Verma, D. Panda, S. K. Sahoo, K. Kumar, V. R. Singh. Electronic and magnetic properties of FeCr<sub>2</sub>O<sub>4</sub> nanoparticles by advanced synchrotron based soft X-ray magnetic circular dichroism. Physica B: Condensed Matter 647, 414373 (2022).

V.K. Verma, S. Sakamoto, K. Ishikawa, V. R. Singh, K. Ishigami, G. Shibata, T. Kadono, T. Koide, S. Kuroda, A. Fujimori. Cr doping-induced ferromagnetism in the spin-glass Cd<sub>1-x</sub>Mn<sub>x</sub>Te studied by X-ray magnetic circular dichroism. Physica B: Condensed Matter 642, 414129 (2022).

Nanda Kumar Reddy Nallabala, Sunil Singh Kushvaha, A. Kumari, V.R. Singh, V.K. Verma, S. Kaleemulla, Lokendra P. Singh, S.A.K. Jilani, S.V. Prabhakar Vattikuti, K. Rahim Bakash, Sangaraju Sambasivam, Jaesool Shim. Self-powered and improved photoresponsive broadband photodetecting sensors using Au/NiFe<sub>2</sub>O<sub>4</sub>/p-Si heterojunction architecture. Materials Science in Semiconductor Processing 156, 107266 (2023).

A. Kumari, A. Kumar, R. Dawn, J. Roy, S. Jena, R. Vinjamuri, D. Panda, S. K. Sahoo, V. K. Verma, S. Mahapatra, A. Rahaman, A. Ahlawat, M. Gupta, K. Kumar, A. Kandasami, V. R. Singh. Effect of Annealing Temperature on the Structural, Electronic and Magnetic Properties of Co doped TiO<sub>2</sub> Nanoparticles: An Investigation by Synchrotron-Based Experimental Techniques. Journal of Alloys and Compounds 933, 167739 (2023).

N. K. Singh, A. Kumar, R. Dawn, S. Jena, A. Kumari, V. R. Singh, M. Zzaman, R. Shahid, D. Panda, S. K. Sahoo, U. K. Goutam, V. K. Verma, K. Kumar, M. Khatravath, A. Priyam. Resonance Photoemission Spectroscopic Study of Thermally Evaporated NiTiO<sub>3</sub> Thin Films. Journal of Electronic Materials 52, 669–678 (2023).

## Participation in Conference / Workshop / Lectures

An invited talk on "Electronic and magnetic properties of diluted magnetic semiconductor thin films: a synchrotron based X-ray spectroscopic techniques" on 7th Nov 2022 at China Academy of space technology, China.

An invited talk on "Thickness dependent electronic and magnetic states of Mn and Co atom at Mn rich Co<sub>2</sub>Mn<sub>1.2</sub>Ge<sub>0.38</sub>MgO, on 13th to 16th November 2022 at Ramoji Film City, Hyderabad.

## Department of Development Studies

**Prof. Krishnan Chalil, Professor**

### Publication in Journals

Is the Sree Narayana Guru Open University of Kerala Ready for Take Off? Educational Quest: An Int. J. of Education and Applied Social Sciences: Vol. 13, No. 02, pp. 145-150, August 2022, DOI: 10.30954/2230-7311.2.2022.8

"Higher Education Loan Policy in India: An Evolutionary Analysis", Bhavaveena, UGC CARE List Group-1 Journal under Arts and Humanities category, Vol.19, Issue, 9(2),





# Faculty Publications & Academic Activities

September, 2022, Pp:98-111 (Md Asruhal Hoque and K. Chalil)

"Education Loans in India: Are they Effective, Equitable and Sustainable", University News, 60(51), December 19-25, Pp.03-11

"Financing of Higher Education through Education Loans in India: A Critical Analysis", University News, 60(34), August 22-28, Pp.03-11

## Participation in Conference / Workshop / Lectures

"Readiness of Teachers to Teach in Diverse Linguistic Environment", Keynote paper in the two-day National Seminar on 'Higher Education through the Medium of Indian Languages', 15-16 September 2022, sponsored by Bhartiya Bhasha Samiti, MOE, GoI at CUSB.

Keynote Speaker in the two-day National Seminar on "Infrastructure Development and Public Debt in Kerala", sponsored by the IPA, Govt. of Kerala at Dept. of Economic, Govt. College Mokeri, 02-03 December, 2022.

Served as Chairman and Paper presentation in the one day national Seminar on "Decentralisation-A Kerala Model", sponsored by the IPA, Govt. of Kerala at Dept. of Economic, Mar Thoma College Chungathara, 05 December, 2022

Engaged a three-hour session on the topic, "Financing Higher Education: Some Reflections", in the Short Term inter/Multi-Disciplinary Refresher Course: Teacher Educators: Learning Outcomes and Educational Reform-Pedagogy, Assessment and Quality Assurance', UGC-HRDC, Kannur University on 22 November, 2022

## Other Activities / Achievements

Reviewer for the Manuscript for International Journal of Environment and Climate Change, (ISSN: 2581-8627), <https://scite.ai/journals/international-journal-of-environment-and-wmVn9>

Reviewer of Manuscript for Journal of Global Research in Education and Social Science, (ISSN: 2454-1834).

Reviewer of Manuscript for Asian Journal of Agricultural Extension, Economics & Sociology, ISSN: 2320-7027, <https://scite.ai/journals/asian-journal-of-agricultural-extension-NIY9N>

Reviewer Manuscript for Asian Journal of Education and Social Studies, <https://scite.ai/journals/asian-journal-of-education-and-EWp38>

## Department of Economic Studies

**Dr. Rajni Kant Ojha, Assistant Professor**

### Article in Journal

Sanjay Kumar, Rikil Chyrmang and Rajni Kant Ojha, "Economic Growth and Rural Development in Bihar" The Indian Economic Journal, Journal of Indian the Economic Association, volume 3(2) special Issue, December 2022.

### Participation in Conference / Workshop / Lectures

Presented a paper titled "Economic Growth and Rural Development in Bihar" in 105th Annual Conference of The Indian Economic Association at Dr. Shyama Prasad Mukherjee University, Ranchi., 27th – 29th Dec, 2022

### Other Activities / Achievements

Participated in the Sixth FDP online from July 12 to August 08, 2022, UGC HRDC, BHU, Varanasi

## Department of Sociological Studies

**Prof. Anil Kumar Singh Jha, Professor**

### Participation in Conference / Workshop / Lectures

Delivered an Invited Lecture on "Magnitude and Trends of Discrimination against Women" as a Resource Person in Expert Lecture Series during Discrimination against Women Pakhwada organized by ICC/Women Cell, NIT, Uttarakhand, Srinagar (Garhwal) on December 02, 2022

Delivered an Invited Lecture on "Sociology of Sanitation" as a Resource Person in Online Refresher Course in Sociology, Social Work and Anthropology (MD), UGC-HRDC, University of Lucknow on December 08, 2022

Delivered an Invited Lecture on "Sociology of Sanitation" as a Resource Person in Orientation Training Programme for faculty members, IS PG College, University of Allahabad on September 14, 2022

Delivered an Invited Lecture on "Sanitation and Society" as a Resource Person in 5th Faculty Induction Programme by UGC-HRDC, DDU Gorakhpur University, Sep. 13, 2022.

**Dr. Jitendra Ram, Assistant Professor**

### Participation in Conference / Workshop / Lectures

Co-chaired a session on "RC 20: Media Studies" in 47th All India Sociological Conference on "Hundred Years of Sociology in India: Exploring Trajectories for the Future" organized by University of Science and Technology Meghalaya during December 20-22, 2022. In the conference also presented two papers, the first entitled "Social Exclusion and Status Formation among Dalits in Bihar" and the second entitled "Contextualizing Caste, Media and Social Exclusion in India".

**Dr. Hareesh Narayan Pandey, Assistant Professor**

### Book Chapter

Contributed a chapter on Indian Diaspora in the UK and USA in a Book Bhartiya Pravasan (ed.) Ajeet Kumar Rai, Rashmi Prakashan, Lucknow, Pp. 144-168, 2022. (ISBN: 978-93-91326-99-9)

### Articles

Contributed an article on Bhartiya Samaj, Yuvak Aur Unaki Samasyayen, Jyotirved-Prashanam, July- August, Vol. 11, No.3, Pp. 41-44, 2022. (ISSN: 2278-0327).

Contributed an article on Bhartiya Samaj Aur Bridh jano Ki Samasyaye, Jyotirved-Prashanam, September- October, Vol.11, No. 4, Pp. 18-21, 2022. (ISSN: 2278-0327).

### Participation in Conference / Workshop / Lectures

Presented a paper titled 'National Educational Education Policy: Knowledge, Power and Education' in a National Seminar jointly organised at Eklayva University, Damoh, M.P. on the theme 'Rashtriya Shiksha Niti 2020: Avasar Aur Chunoutiyan' during 23- 24 September, 2022.

Presented a paper on 'Covid-19 & Digital Education in India' in a National Seminar by Sociology Dept of Jagdeesh Saran Hindu PG College, Amroha(UP) on 'Bhartiya Shiksha Pranali:A Digital Shift' during 10-11 Dec, 22

Presented a paper titled 'The Olympic Game: Global and Local Perspectives' in 47th All India Sociological Conference organised by Dept. of Sociology, USTM, Meghalaya on the theme 'Hundred Years of Sociology in India: Exploring Trajectories for the Future' during 20-22 December, 2022.

**Dr. Parijat Pradhan, Assistant Professor**

### Book Chapters

Paper Published in Edited Book भारतीय प्रवासन और उसका भोजपुरी प्रक्षेत्रीय मूल with paper titled Diaspora, Ethnic Culture and Nation Building: A Story of Global Indian experiences, PP. 208-223

Paper published in edited book Sociology for Learners': Volume II (Under NEP 2020) under a national level publisher with paper titled Classical Sociological Thinkers, PP. 1-57.

### Participation in Conference / Workshop / Lectures

Presented a research paper titled 'Identity of Womanhood in Domestic Violence: A Sociological Study on Rural Bihar' in three days national seminar organized by 47th All India Sociological Conference, USTM, Meghalaya during 20-22 December, 2022.





## Faculty Awards / Achievements / Projects, etc.

### Prof. Atish Prashar represented India in International Conference at University of Bengkulu in Indonesia



Prof. Atish Prashar, Dean, School of Media, Arts and Aesthetics and Head Dept. of Mass Communication, CUSB represented India at the first International Developmental Communication Conference organized by the Department of Communication Sciences, University of Bengkulu, Indonesia on the topic 'Prospects of Communication for Development in the Digital Era' during October 18-19, 2022. As the key note speaker Prof. Prashar delivered the talk on the topic 'Media Journalism and Poverty' and presented the various aspects of media.

### Dr. Samapika Mohapatra participated in EU's Erasmus+ Training Programme at Athens



Dr. Samapika Mohapatra, Associate Professor, Dept. of Development Studies of CUSB participated in EU's Erasmus+ Training Programme under 'Green- Y' Project organized in Athens during November 12-19, 2022. Dr. Mohapatra was nominated as a research advisor and trainer and represented Agramee (NGO) of India for the European Union's Erasmus+ Collaborative Green-Y Project. Agramee is working for poor and marginalised indigenous communities in most underdeveloped tribal districts of Odisha. This event was held for promoting youth led women entrepreneurship in which model of Green Economy was discussed for promoting innovative, sustainable & inclusive development.

### NCERT Award to Dr. Tarun Kumar Tyagi for study on Innovative Practices in schools

Dr. Tarun Kumar Tyagi, Asst. Prof., Dept. of Teacher



Education of CUSB got the NCERT National Award for his research project on innovative practices in schools. The DTE of NCERT selected Dr. Tyagi's research project entitled "Developing Mathematisation Abilities through Real World Mathematics Problems: An Experimental Study" for the award. He was given the cash reward of Rs. 10,000/- along with a certificate of appreciation.

### Dr. Ravi Suryavanshi became Authentic Google Trainer

Dr. Ravi Suryavanshi, Asst. Prof., Mass Communication was selected for the Google Train-the-Trainer Boot-Camp organised at Google Headquarters on Gurugram during August 24-26, 2022. The boot-camp was organized under the joint aegis of Google News Initiative India and Dataleads. Many senior media teachers and media professionals from different states of the country. The main objective of this boot-camp was to verify fake news and understand the authenticity of information related to climate change.



### Project of Dr. Tarun Kr. Tyagi and Lt. (Dr.) Pragya Gupta selected by NCERT for National Award

A research project proposal entitled "Effect of Recreational Mathematical Activities on Students' Creativity in Mathematics" prepared by Dr. Tarun Kumar Tyagi and Lt (Dr.) Pragya Gupta, Assistant Professor, Dept of Teacher Education, CUSB Gaya was selected by NCERT (National Council of Educational Research and Training), New Delhi for National Awards for Innovative Practices and Experiments in Education for School and Teacher Education Institutions. Worth to mention that second time in a row within a year the proposal was selected for the scheme.



### DST Project for Dr. Mahender Khatravath

Dr. Mahender Khatravath, Asst. Prof., Dept. of Chemistry of CUSB was awarded a Major research grant from Department of science and technology (DST)-Science and Engineering Research Board (SERB) to study on "Design and Synthesis of Biologically Privileged Scaffolds Related to Natural Products, Peptidomimetics and  $\beta$ -Lactam Antibiotic Mimics. Dr. Khatravath also received the major principal research grant for research on the topic "Design and Synthesis of Compounds Based on Tubulins for their Biological Investigation".







## Faculty Awards / Miscellaneous Events & Outreach Activities

### Prof. Anil Kumar Singh Jha developed E-Content for Swayam Prabha

Prof. Anil Kr. Singh Jha, Dept. of Sociological Studies developed a course on 'Sociology of Sanitation' for Swayam Prabha, the largest online repository in the world of courses in engineering, basic sciences and selected humanities and management subjects. All 10 lectures of this course were recorded at the Studios of Media Technology Centre at IIT, Kanpur. Swayam Prabha is a group of DTH channels devoted to telecasting quality educational programmes 24X7. It is a part of National Programme on Technology Enhanced Learning (NPTEL).



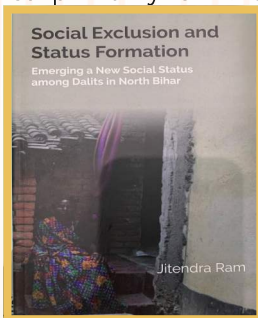
### Best Oral Presentation Award to Prof. Prafull Singh

Dr. Prafull Singh, Dept. of Geology was awarded with the Best Oral Presentation Award in the 4th International Conference on Advances in Civil and Ecological Engineering Research (ACEER 2022, Xi'an, China during 04-07 July, 2022. Dr. Singh gave the presentation on "Groundwater recharge potential assessment for sustainable water resource management in urban environment."



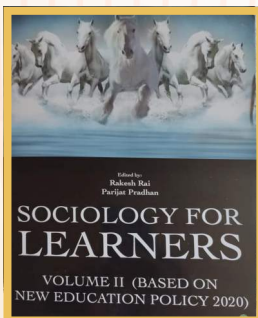
### Book of Dr. Jitendra Ram published by Gyan Publishing

A book titled 'Social Exclusion and Status Formation: Emerging a New Social Status among Dalits in North Bihar' authored by Dr. Jitendra Ram, Asst. Prof., Dept. of Sociological Studies was published by Gyan Publishing House, New Delhi. The book relies primarily on the empirical data collected from both rural and urban areas of Bihar to understand social exclusion as well as status formation among Dalits or Scheduled Castes. This study located in East Champaran District of North Bihar reveals the various natures and forms or extents of exclusion, discrimination, untouchability, subordination, deprivation and even exploitation.



### Book of Dr. Parijat Pradhan published by Manda Publishers

An edited Book of Dr. Parijat Pradhan, Assistant Prof., Dept. of Sociological studies was published as co-author with the title 'Sociology for Learners': Volume II (Under NEP,2020) published by Manda Publishers under Thompson Press, New Delhi.



### MoU signed b/w CUSB and BASU for research on Animal Husbandry



To promote research and development of new technology in the field of livestock and animal husbandry, a Memorandum of Understanding (MoU) was signed between CUSB and Bihar Animal Sciences University (BASU), Patna on September 01, 2022. The MoU was signed between CUSB VC Prof. K. N. Singh and BASU VC Dr. Rameshwar Singh. On this occasion CUSB Registrar Col Rajiv Kumar Singh, Dr. Ram Pratap Singh, Head, Life Science, Dr. JK Prasad (Dean, BV College, Patna), Dr. G. D. Singh (Associate Prof., BASU, Patna) and Mr. Sanjay Kumar, Secretary to the VC, BASU were present. Through the MoU both the Universities would exchange scholars, knowledge, techniques & resources amongst themselves.

### Office of International Affairs inaugurated at CUSB



The newly established "Office of International Affairs (OIA)" was inaugurated at CUSB by Dr. Vinay Sahastrabuddhe, President of ICCR. CUSB VC Prof. K. N. Singh, Dr. Rakesh Kumar, Chairman of OIA, Dr. N. L. Devi (Asst. Prof., EVS), Dr. Sudhanshu Kr. Jha (Asst. Prof., History), Dr. Lakhwinder Singh (Asst. Prof., Physics) and Mr. Mahesh Chawla (SO, Academic) were present. Dr. Rakesh Kumar introduced the three foreign students namely, Ms. Lydia Frank, Ph.D. in Environmental Science (Botswana), Ms. May Thu Win, Ph.D. in Environmental Science (Myanmar) and Mr. Mohammed Hasan Ahmed Abdullah, Ph.D. in Computer Science (Yemen). CUSB VC Prof. Singh made the chief guest aware about the facilities offered to the international students by the University. Dr. Sahastrabuddhe urged from the International students that they should explore India as much as they can as it is considered exotic, colorful and historically rich country.





## Miscellaneous Events & Outreach Activities

**Free Civil Services DACE Coaching inaugurated by Union MoS Mr. Kaushal Kishore, 17th November, 2022**



The Free Civil Services Coaching Dr. Ambedkar Center of Excellence (DACE) for Scheduled Caste (SC) students at CUSB was inaugurated by Mr. Kaushal Kishore, Hon'ble Minister of State, Housing and Urban Affairs, Government of India. At the inauguration ceremony of DACE coaching at Vivekananda Lecture Complex, Mr. Kaushal Kishore was accompanied by CUSB VC Prof. K. N. Singh, Registrar Col. R. K. Singh, Controller of Examinations Mrs. Rashmi Tripathi, Nodal Officer of DACE Dr. Rathi Kumbhar, Proctor Prof. Umesh Kr. Singh, DSW Prof. Pawan Kr. Mishra, Mr. Akshat Kant (Program Coordinator, NMSAAKN) along with students of DACE, professors and students.

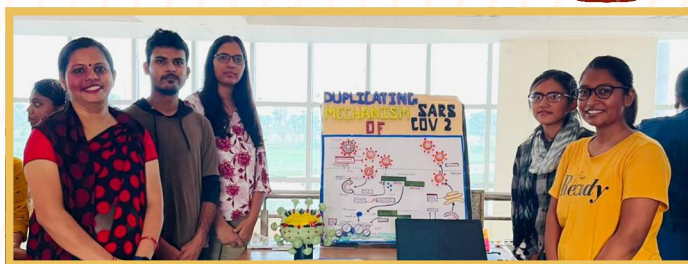
### CUSB cheered-up the Chess Olympiad Relay Delegates



The CUSB fraternity under the supervision of VC Prof. K. N. Singh and Registrar Col. R. K. Singh cheered up the Chess Olympiad Torch Relay passed through Gaya city on 06th July. At the administrative block the VC flagged off the team comprised of faculty members, officials, staff and students who welcomed the delegates of the 44th FIDE Chess Olympiad organised in Chennai during 28 Jul 2022 – 10 Aug 2022. Along with Gaya, the torch relay covered a total of 75 cities across India and commemorated the celebration of Azadi ka Amrit Mahotsav - 75 years of India's independence. DSW Prof. P. K. Mishra, coordinator of the event Dr. Ashish Kr. Singh and other committee members Dr. Budhendra Kumar Singh, Dr. J. P. Singh, Lt. (Dr.) Pragya Gupta and Dr. Mozammil Hassan were present.

### Molecular Biology Model Exhibition - Life Science Dept.

An exhibition featuring various topics of Molecular Biology was organized by the Dept. of Life Sciences of CUSB on July 01, 2022. The main attraction of the exhibition was "Corona virus infection path, DNA arrangement inside cells, genetic properties and gene structure", which was observed by a large number of



Research scholars, UG and PG students. The exhibition was conducted under supervision of HOD Dr. Ram Pratap Singh by the faculty members of the department.

### Free Covid-19 Precautionary Dose vaccine camp for CUSB employees, 1st August, 2022



As per the guidelines of Ministry of Education, a free Covid-19 precautionary dose vaccination camp was organized at CUSB. Under the government's 'Covid Vaccination Amrit Mahotsav' campaign, the camp was organized at University's administrative building. Along with CUSB VC Prof. K. N. Singh, Registrar Col. R. K. Singh a total of 132 adults were given precautionary doses of the vaccine including Covishield & Covaxin.

### Awareness cum Admission Drive of IGNOU by Dept. of Teacher Education, 23rd August, 2022



An Awareness-cum-Admission Drive of IGNOU was conducted at the Dept. of Teacher Education of CUSB regarding the learner support centre of IGNOU at the University. Dr. Asif Iqbal, Asst. Regional Director (ARD), Patna informed that there are 2500 live study centers of IGNOU across India. He also emphasized upon the fact that IGNOU helps break barriers like caste, creed, and race during the teaching-learning process. Dr. Iqbal allotted the learner support centre (LSC) Code- 05201 to CUSB. He elaborated about 07 programs of IGNOU which were approved to be prepared at CUSB namely B.Ed., MAEDU, PGDEMA, PGDSLM, PGDHE, PGDET and CIG.





## Miscellaneous Events & Outreach Activities

### Institution's Innovation Council (IIC) Regional meet in Lucknow, 29th August, 2022



Four faculty members from the Institution Innovation Cell (IIC) of CUSB, Prof. Venkatesh Singh, Dr. Amrita Shrivastava, Dr. Digvijay Singh and Ms. Renu attended the regional meet organised under the flagship of Ministry of Education's Innovation Cell at Dr. A.P.J. Abdul Kalam Technical University (Lucknow) on August 29, 2022. The purpose of the meet was to make IIC network more vibrant, proactive, collaborative and productive.

### Tuberculosis (TB) Awareness Campaign by Department of Pharmacy, 08th December, 2022



The Dept. of Pharmacy operational under the School of Health Sciences of CUSB conducted a mass movement awareness campaign under the Prime Minister's TB-free India campaign. The awareness campaign was inaugurated by CUSB VC Prof. K. N. Singh in presence of Dept. of Pharmacy Head, Dr. Vivek Dave, Prof. Rizwanul Haque, Prof. Ashish Shankar, Prof. Kiran Singh and other faculty, students and staff of the University. CUSB VC Prof. Singh appreciated the effort of the department and said how diseases like TB can be avoided by maintaining proper eating habits and staying away from various kinds of addictions like alcohol and smoking. Further the M. Pharm students led by their professors visited nearby Dharamshala village and spread awareness about TB.

### Trainee officers of BIPARD visit to CUSB under guidance of Prof. Atish Prashar, 19th December 2022

A team of Trainee Officers from Bihar Institute of Public Administration and Rural Development (BIPARD) along with the Education Officer of Bihar Cadre visited CUSB as part of the Institute visit programme. Under the guidance of Dean and Head of Media Department, Prof. Atish Prashar, the BIPARD Trainee Officers team first met with CUSB VC Prof. K. N. Singh. The Vice-Chancellor interacted with all the trainee officers and had discussions on various



topics including administrative work methods. After this, the group of officers interacted with the students of the School of Education during the 'Young Mind Speak with Young Leadership' program at the Malviya Bhawan Auditorium which was co-ordinated by Dr. Swati Gupta, Assistant Prof., DTE. In this program, Dean & Head of School of Education, Prof. Kaushal Kishore had a fruitful discussion on the education system of Bihar with the BIPARD officers. Further, the officers of Bihar Education Services reached the MOOCS studio & shared their experiences regarding their visit to the university in the studio. They also enjoyed producing a short program in front of the camera at the MOOCS studio.

### Interactive Sessions with Fulbright Specialist Prof. Sau Hou Chang, Indiana University Southeast, USA



Dr. Sau Hou Chang, Professor & Faculty Coordinator for Diversity and Inclusivity, School of Education, Indiana University Southeast, USA was on one-month trip to CUSB during November-December, 2022. She had visited CUSB as Fulbright Specialist under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMNMTT) Scheme of Govt. of India. During her stay she interacted with faculty members, officers, staff, researchers and students of the University that were co-ordinated by Dept. of Teacher Education under supervision of Dean Prof. Kaushal Kishore. Prof. Chang talked about the process of admission to the institutions including community colleges in USA. She emphasized on getting good scores in GRE and TOEFL exams which are required for applying to the universities in USA for different graduate (PhD) programmes. She gave tips about how to write good statement of purpose and research write ups for their applications.

### "Lab to Land" outreach programme by Dept. of Computer at schools

The Dept. of Computer Science conducted a "Lab to Land" outreach programme for students at Middle School Dharmshala (Gaya) and Middle School Kosma (Gaya) on September 8, 2022. The HoD Dr. Jainath Yadav along with PhD students visited both the schools and made students



## Miscellaneous Events & Outreach Activities



familiar with the basics of computer application. The research scholars, Mr. Balmukund Jha, Mr. Amal Kumar, Mr. Shatrughan Kr. Singh and Mr. Aman Kumar Routh made the students familiar with computer applications.

### Outreach Activities & Awareness Drive of Pro Bono Club



The Pro Bono Club operational under the Ministry of Law and Justice, GOI at the School of Law and Governance of CUSB ran the Legal awareness campaign at the neighbouring villages. As a part of the 'Campus for Community' initiative of CUSB VC Prof. K. N. Singh, Dr. Deo Narayan Singh (Asst. Prof., Law), Nodal Officer Pro Bono Club ran the awareness drive with the student volunteers. On November 3, 2022 the Pro Bono Club team visited the Middle School, Savasin, Tekari to spread awareness about the fundamental rights, right to education, child abuse, The Club organized a poster competition for the students on "Traffic Rules and Regulations" at the university campus on November 11, 2022 to spread awareness.

### Science Awareness Camp by Dr. Rohit R. Shahi at Middle School Pachhan Bodhgaya



Dr. Rohit Ranjan Shahi, member of the Indian National Young Academy of Sciences (INYNAS) of INSA New Delhi and Assistant Prof. Dr. Vijay Raj Singh and Dr. Nitin Chandra of the department of Physics, CUSB), organized a science awareness camp at the Middle School Pachhan, Bodhgaya on November 04, 2022. The children of classes 6 to 8 were considered for this awareness camp. The program mainly focused on ancient Indian science and the story of Indian scientists, global warming and climate change.

### Awareness Drive by Legal Aid Clinic of CUSB



The Legal Aid Clinic operational under the School of Law and Governance of CUSB organised various activities and ran awareness campaigns at the villages close to the University. On the occasion of Legal Services Authority Day, Legal Aid Clinic conducted an awareness campaign in Dariapur and Dharamshala villages during 09-10 November, 2022. The coordinator of Legal Aid Clinic Dr. Surendra Kumar (Associate Prof.), Dr. A. P. Narayan (Asst. Prof.) and Dr. Chandana Subha (Asst. Prof.) accompanied students. On November 12, the Legal Aid Clinic conducted the similar awareness campaign at Middle School of Nepa.

### Visit of MA Social Work students to Mummy Jee Trust



As a part of the field work the MA Social Work (3rd semester) students of Dept. of Sociological Studies visited the Mummy Jee Educational Charitable Trust located at Bagaha Village in Bodhgaya on November 11, 2022. The field work was conducted under the supervision of HoD Prof. Anil Kumar Singh Jha. CUSB faculty members and students interacted with the students of trust and given them valuable suggestions for becoming successful.

### Bioinformatics students learnt Village based skills



In order to learn the Village Based Skills as part of their course curriculum M.Sc. Bioinformatics (3rd Semester) students of CUSB visited the nearby Fatehpur village on November 18, 2022. Under the supervision of Dr. Asheesh Shanker Head, Bioinformatics the team visited the village with mentor teachers Dr. Ajay Kr. Singh and Dr. Durg Vijay Singh. During this visit students interacted with villagers for their field work and instruments used in agriculture.





## Placements / Students' Achievements / Activities

### 20 students from Law department crack Bihar Judicial Service Examination 2022



A total of 20 students from the School of Law and Governance (SLG) of CUSB including a former faculty member from the department Dr. Ahsan Rashid got success in cracking the 31st Bihar Judicial Services Examinations 2022. Along with Dr. Ahsan Rashid, the students namely, Namit Kumar, Sadaf Mustafa, Raj Parashar, Anish Kumar Prabhat, Umakant Kumar, Ramizur Rahman, Nishant Ranjan, Aditya Anand, Ananya, Abhinav Raj, Atul Ratna, Divya Durgesh Sinha, Sunny Gaurav, Prabhat Kumar Choudhary, Alok Kumar, Hrishikesh, Saurabh Kumar, Rohit and Gaurav Anand got success in the prestigious examination.

### Placement drive of Vastu Vihar Biotech at CUSB, 30th November, 2022



The Vastu Vihar Biotech Pvt. Ltd. and exRNA Therapeutics, Bodh Gaya conducted a placement drive at the Dept. of Biotechnology of CUSB. The drive organised under the supervision of Prof. Rizwanul Haque, Chairperson Placement Cell, Biotechnology was participated by a total of 36 MSc third semester Biotechnology & Life Science students. The other faculty members of the department namely, Dr. Jawaid Ahsan, Dr. Krishna Prakash and Dr. Rakesh Kumar assisted the recruiters in conducting the written screening test. After the written screening test, 21 students were shortlisted for the interview. Finally, five students were selected for the position of Junior Research Assistant (JRA) and five others have been kept in the waiting list. The finally selected students were offered a stipend up to 10,000 rupees per month as trainees. After training, they were offered the position of Junior Research Assistant with a package of 3 lakh rupees per annum.

### More than 200 students of CUSB Qualify for UGC & CSIR - JRF / NET



Over 200 meritorious students of the CUSB cracked the national level UGC NET - JRF exam jointly organized by NTA for December 2021 and June 2022 cycle. Priya Rani, a research student of Biotechnology secured JRF with All India 89 rank in CSIR-UGC NET JRF June 2022. A record number of 35 students from the Department of Teacher Education have cracked the UGC NET - JRF exam. Whereas, a total of 16 students from the School of Law and Governance have got success in this national level examination. A total of 09 students from the Environmental of CUSB have qualified in the examination, out of which 2 students have secured JRF. Out of total 08 students of Dept. of Sociological Studies, Swetank has qualified for JRF. Neelam Kedia from English department has qualified for JRF while Swati Kumari, Binod Vyas, Saloni Priyadarshini, Anvesha Singh, Saurabh and Shreya have qualified in NET. Shrihyo M and Nishi Srivastava from the Dept. of Psychology, while Abhishek Kumar Gupta and Gaurav Gupta from Development Studies have qualified for NET. Neeraj Kumar, Alisha and Saurabh from the Dept. of Mass Communication have qualified in for NET. Along with these departments, many students from other departments of CUSB have also achieved success in the UGC NET-JRF / CSIR NET-JRF exam.

### CUSB student Sakshi delivered speech on Sardar Patel at Parliament House, 31st October, 2022

Sakshi Anand, a brilliant student of the School of Law and Governance (SLG) of CUSB got the big opportunity to present her views on Sardar Vallabhbhai Patel at the Parliament House on 31st October, 2022. Sakshi expressed her views on the auspicious occasion of "Ekta Diwas" (National Unity Day) in a special event organized at the country's glorious Parliament House. She shared Sardar Patel's biography and his incomparable contribution in the making of United India. A total of 30 talented speakers from all over India were selected in this national level event. Ironically, Sakshi Anand from CUSB solely represented the entire state of Bihar. Speaker of the Lok Sabha Mr. Om Birla was the chief guest of the event.





## Best paper award conferred to Research Scholar Archila Kushwaha at International Conference



A research paper by the research scholar Ms. Archila Kushwaha under the supervision of Prof. Brajesh Kumar, Head & Dean, Dept. of Commerce of CUSB conferred with the Best Paper

Award in the 3rd 'International Conference on The Role of Innovation, Entrepreneurship and Management for Sustainable Development' (ICRIEMSD) organized by the School of Management, O P Jindal University, Raigarh, Chhattisgarh during November 25-26, 2022. Ms. Kushwaha was given a cash prize of Rs. 2500/- along with certificate. The research paper was accepted for the presentation under Finance theme and the sub-theme of Banking, Micro-Financing and Financial Inclusion.

## Best Presentation Award to Research Scholar Abhishek Patel in National Seminar on Biodiversity



Mr. Abhishek Patel, a research scholar from the Dept. of Environmental Science working under the supervision of Prof. Ram Kumar got the Best Presentation Award in the national seminar on "Recent Advances in Biological Sciences: Biodiversity and Human Welfare" organised at Darrang College, Tezpur, Assam during November 18-19, 2022. Mr. Patel was awarded the best presentation award of technical session III for the oral presentation of the paper titled "Green algae enhance decolourisation of textile industry effluent in an integrated wastewater treatment system".

## Best Paper Award to Research Scholar Ms. Aradhana Kumari in the International Conference at NIT Rourkela

Ms. Aradhana Kumari, a research scholar of Dept. of Physics of CUSB was awarded the best paper award in the 4th International Conference on Processing & Characterization of Materials (ICPCM-2022) organized by the School of Materials Engineering National Institute of Technology Rourkela Odisha during December 09-11, 2022. The research paper was written by Ms. Aradhana Kumari under the guidance of Dr. Vijay Raj Singh, Associate Prof., CUSB and Dr. Jagannath Roy, Associate Prof., CUSB. She tried to explain in detail the use of



Co-doped TiO<sub>2</sub> nanoparticles as a dense memory storage device by using advanced technology.

## Law student Saumya Kumar get 3rd Position in Essay Writing Competition by Ministry of Law



Saumya Kr. Singh, B.A. LL.B., 5th Semester, School of Law and Governance, CUSB secured 3rd position in the essay competition organized by Ministry of Law and Justice. The essay competition on the theme "Envisioning India@ 2047" was organised under the aegis of "Har Ghar Tiranga Campaign" to celebrate the 'Azadi Ka Amrit Mahotsav'. Mr. Saumya was awarded a Prize of Rs. 3000/-,

Certificate and a trophy.

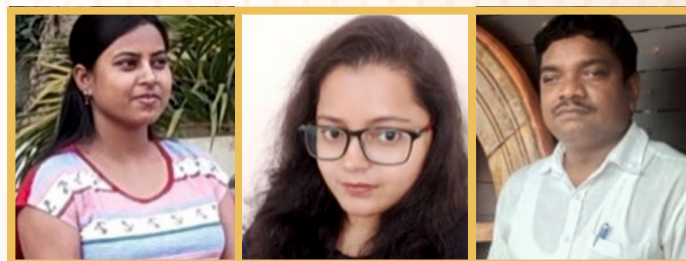
## Law students Kishabh and Akash secured 2nd place in the National Memorial Drafting competition



Kishabh Prakash and Akash Kumar from the SLG of CUSB secured the second position in the National Memorial Designing Competition 2022 organized by St.

Joseph's College of Law, Bengaluru. As a reward the CUSB students were awarded Rs. 3000/- cash and certificates.

## हिंदी विभाग के शोधार्थियों का "गोल्डन बुक ऑफ वर्ल्ड रिकॉर्ड" में नाम दर्ज



सीयूएसबी के हिंदी विभाग के तीन शोधार्थियों ने "गोल्डन बुक ऑफ वर्ल्ड रिकॉर्ड" में अपना नाम दर्ज कराया। हिंदी विभाग के शोधार्थी छात्र सुश्री ज्ञान्ति, सुश्री पुष्पा कुमारी और श्री रुद्र चरण माझी ने अपने रचनाओं के माध्यम से बुक में जगह बनाई। यह पुरस्कार शोधार्थियों द्वारा "मेजर ध्यान चन्द खेल रत्न अवार्ड" पुरस्कार प्राप्त सभी खिलाड़ियों के ऊपर शोधात्मक लेखन कार्य के अध्ययन के लिए दिया गया।







# ALUMNI MEET

**Bioinformatics**



**Biotechnology**



**Environmental Science**



**Commerce**



**Psychological Sciences**



**Computer Science**



**Development Studies**



**Political Studies**



**Mass Communication**



**Sociological Studies**



**Law**

