



# CUSB TIMES

January - June  
2021

Bi-Annual Newsletter of Central University of South Bihar



Volume: 12

Issue: 01



## From the Desk of Vice-Chancellor

I am pleased to note that the latest edition of CUSB Times; Bi-Annual Newsletter carrying the success stories and achievements of CUSB for the period January-June, 2021 is being released. Since, this is the 1st Newsletter after I assumed the chair on 26th July 2021, the feeling is more exhilarating as it has meticulously compiled the achievements of faculty members, researchers and students at the national and international levels. The newsletter has documented almost every area of Academia as well as co-curricular activities that took place in the past six months. Despite the Global pandemic Covid-19, the University has performed very well with limited available resources and organized host of activities like webinar, conferences, talks, etc. and at the same time the faculty members has maintained their Academic momentum by publications of articles, papers, etc. in reputed journals, books, magazines. As the Vice-Chancellor, I am fully committed to take this progressive University far ahead by taking various progressive measures. Implementing the National Education Policy (NEP) 2020 in curriculum of the University is one of my primary goals and a dedicated task force is made to make road map and plans to achieve the goals envisaged in NEP-2020. I am having full faith on dedicated team of teachers, students, officials and staff for taking the University far ahead towards the Global levels of excellence.

*Prof. Kameshwar Nath Singh*

# Message of Registrar

It is indeed heartening to share the latest edition of CUSB Times for the period January – June, 2021. This period proved to be quite noteworthy for the University in many ways. We have achieved the new heights in setting the Academic standards in par with global standards and achieved several feats. The qualified faculty members with significant international exposure gave their bests in ensuring the Academic excellence with the teaching-learning process in efficient ways. At the same time, under the mentorship of faculty members, the students of the various departments of the University were felicitated by many national level awards. The infrastructure development work of the campus got momentum with the start of second phase of construction work. As per the agreement of Rs. 116 crore with CPWD, the second phase of construction is started which includes 64 staff quarters, 600 bed hostel, Central Library, Health Centre, Food Court, Small shopping centre and Animal House. All the constructed buildings will be fully furnished equipped with amenities like water supply, sewerage, electricity and connecting roads. The residential buildings (staff quarters) would have two blocks of G+7 type and the deadline to complete the said work is 24 months from its starting date. The University is committed towards developing a Green campus and as of now more than 15,000 trees have been planted. In the coming time, the 300 acres campus of the University would be like a Green belt of Gaya region. I would like to conclude by mentioning about the performance of newly established NCC Unit for Girls in the University. In a short period of time the NCC cadets of CUSB has achieved the remarkable feat by winning many awards at national level competition organized by NCC Bihar-Jharkhand directorate. I am looking forward for achieving more and more success in the coming time and wishing the CUSB fraternity best wishes for a dazzling future.



**Col. Rajiv Kumar Singh**

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## Editorial

**The Mantra** of success and achieving something exceptional is don't just a simple wish or dream. In fact, one needs to be passionate about the wish to achieve and make it happen. Central University of South Bihar is the abode of such creative brains and fully devoted teachers and students who aspire to inspire others. As the Editor of a magazine like CUSB Times I feel glad in compiling the success stories of the inspiring members of the CUSB fraternity. It's very encouraging to see the efforts they put in for maintaining persistent Academic excellence alongwith basket full of activities to achieve fruitful results in their respective areas. Such dedication and zeal propel them to make feel their presence at the national level. The Sky has no limit, they have firm belief on this and it has been proved time-and-again when the research works carried out in CUSB got the global recognition through various mediums like journals, articles, etc. and have been awarded. As the reader you would be quite amazed while going through the saga of top performers who always tried to make the wish or dream come true.

**Md. Mudassir Alam**

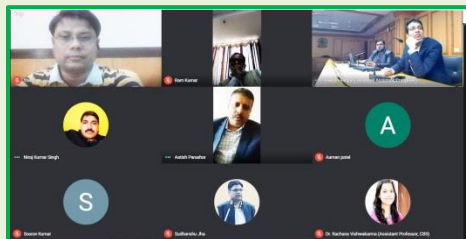
Public Relation Officer

Editor & Coordinator, CUSB Times

## Events & Activities at CUSB

### National Youth Day, 12<sup>th</sup> January

CUSB celebrated 'National Youth Day' on the occasion of 158th birth anniversary of youth icon Swami Vivekananda. A webinar was organized on the topic 'Life and teachings of Swami Vivekananda'.



Prof. Atish Prashar, DSW & Head of Media department said that if India is eyeing to grab the position of 'Global Player', it's the time to revisit the ideas, thoughts and teachings of Vivekananda. Prof. Umesh Kr. Singh, Head, Dept. of EVS highlighted Swamiji's teachings for building a holistic student personality. Prof. Ram Kumar, Dean, SEBES spoke about the teachings of Swami Vivekananda and its importance in the student life. Dr. Sudhanshu Jha, Asst. Prof., Dept. of History elaborated the spiritual teachings of Vivekananda given at the world congress of religion and the concept of "Vasudhaiv Kutumbakam". The event was organized and facilitated by Dr. Anindya Deb, Asst. Prof. and Ph.D. student Mr. Ayush Anand.

### Republic Day, 26<sup>th</sup> January, 2021

The major highlight of the 72nd Republic Day at CUSB was the Indian tricolour which was unfurled on a 100 foot high mast (pole) in the University campus. The Indian national flag measuring 30 foot long and 20 foot wide was hoisted by CUSB Vice-Chancellor Prof. H.C.S.

Rathore. While inaugurating the 100 – foot high Indian tricolour, the VC was accompanied by the Registrar Col. R.K. Singh, DSW Prof. Atish Prashar and Proctor Prof. Kaushal Kishore. After unfurling the Indian tricolor, VC Prof. Rathore recalled the recent achievements of the University in the field of academia including the position of University in various rankings. Further the best performing employees of the University were awarded. Mr. Kshitiz Singh, Information Scientist and Mr. Dewesh Mishra, Assistant were given best employee award.



The winners of Hindi Diwas Pakhwada were also given awards and certificates during the Republic Day celebration by the VC. After the Republic Day ceremony, the VC residence was thrown open for exploring the 'Flower Exhibition', which showcased magnificent flowers.

### 'राष्ट्रवाद का विचार' निबंध प्रतियोगिता

72वें गणतंत्र दिवस के अवसर पर सीयूसबी के शिक्षा पीठ के तत्वाधान में 'राष्ट्रवाद का विचार' विषय पर एक निबंध प्रतियोगिता का आयोजन किया गया। निबंध प्रतियोगिता में कुल 27 प्रतिभागियों ने भाग लिया और 26 जनवरी की संध्या पर ऑनलाइन माध्यम से पुरस्कार वितरण

समारोह का आयोजन किया गया। कार्यक्रम की शुरुआत डॉ० कविता सिंह, सहायक प्राध्यापिका एवं समनवयक निबंध प्रतियोगिता के स्वागत भाषण से हुई।



इसके पश्चात शिक्षा पीठ के अध्यक्ष एवं अधिष्ठाता प्रोफेसर कौशल किशोर ने विद्यार्थियों को सम्बोधित करते हुए उन्हें बधाई एवं शुभकामनाएँ दी। निबंध प्रतियोगिता की सभी प्रविष्टियों का मूल्यांकन विश्वविद्यालय के ही राजनीतिक अध्ययन विभाग के सहायक प्राध्यापक डॉ. प्रणव कुमार ने किया। निबंध प्रतियोगिता में प्रथम स्थान बी.ए. बी.एड. प्रथम सेमेस्टर के छात्र योगेश आचार्य को मिला जबकि प्रतियोगिता में द्वितीय रहे बी.ए. बी.एड. तृतीय सेमेस्टर के छात्र सुशील कुमार। प्रतियोगिता में बी.ए. बी.एड. पंचम सेमेस्टर की छात्रा विजेता प्रतिहस्त ने तृतीय स्थान प्राप्त किया। इस अवसर पर डॉ. प्रणव कुमार के साथ शिक्षा पीठ के सभी प्राध्यापकगण मौजूद थे। शिक्षा पीठ के सहायक प्राध्यापक डॉ. चंदन श्रीवास्तव ने कार्यक्रम की सारी तकनीकी संबंधित व्यवस्था देखी। जबकि धन्यवाद ज्ञापन सहायक प्राध्यापिका डॉ. स्वाति गुप्ता ने दिया।



## Events & Activities at CUSB

### Inauguration of Fully Automated Library at CUSB, 2<sup>nd</sup> Feb, 2021



The Central Library of CUSB became fully automated on 2<sup>nd</sup> February 2021 and perhaps it became the first library in the state of Bihar to boast of such facilities. It was inaugurated by CUSB VC Prof. H.C.S. Rathore in presence of Registrar Col. R. K. Singh, Librarian Dr. Pramod Kr. Singh, Library staff, faculty members and staff of the University. Prof. Rathore inaugurated the Radio Frequency Identification (RFID) Automation System and MyLoft application software used for remote access of e-Resources. The use of RFID reduces the amount of time required to perform circulation operations of the library, such as issuing and returning of books can be fully automatized with the help of self-check-in and check-out systems. Through the MyLOFT application all CUSB fraternity subscribed e-Resources such as e-journals, e-books, e-databases have been integrated with a centralised access point and with a single username and password.

### National Women's Day, 13<sup>th</sup> February, 2021

CUSB celebrated the birth anniversary of India's Nightingale Sarojini Naidu as National Women's Day on February 13. On this occasion the Dept. of Sociological Studies of CUSB commemorated the strengths and achievements of women by

organizing a webinar. As the chief guest Dr. Madhuchanda Kar, Clinical Director, Peerless Hospital, Kolkata highlighted the achievements of women in various fields. She said that the society is now moving towards gender equality, which is a very pleasant experience. Prof. Sudha Sinha former HoD, Patna University described the socio-cultural environment as the main reason for women's problems. In his presidential address, Col. R.K. Singh, Registrar, CUSB expressed his concerns over the decline in social values and discussed the important contribution of women in the formation of society.



Dr. Anil Kr. Singh Jha, Head, Sociology and Coordinator of the program talked about the achievements of women in various fields and the efforts required for gender equality. A video presentation carrying the information about the social problems of women and its remedies were presented by the students. Vote of thanks was proposed by Dr. H.N Pandey.

### सन्त रविदास जयंती, 26 फ़रवरी 2021

सीयूएसबी के हिंदी विभाग की 'साहित्य एवं कला परिषद्' के तत्वावधान में संत रविदास की 644 वी जयंती के अवसर पर एक विशेष संगोष्ठी का आयोजन किया गया। 'सन्त रविदास के विचारों की प्रासंगिकता' विषय पर आयोजित संगोष्ठी का संयोजन हिन्दी विभाग के सहायक प्राध्यापक डॉ॰ कर्मनंद आर्य ने किया।



मुख्यवक्ता और डीन, भाषा और साहित्य पीठ के अध्यक्ष प्रोफेसर सुरेश चंद ने रविदास को गौतम बुद्ध के बाद भारत में सामाजिक क्रांति का विगुल फूंकने वाला सबसे बड़ा क्रांतिकारी माना। साथ ही उन्होंने रविदास की कविताओं को मार्क्सवाद से जोड़ते हुए श्रम संस्कृति की महत्ता को उजागर किया। हिन्दी विभाग के सहायक प्राध्यापक डॉ॰ रामचन्द्र रजक ने रविदास की कविताओं में मिलनेवाले शास्वत मानवीय मूल्यों की तरफ इशारा करते हुए उनकी प्रासंगिकता पर विस्तारपूर्वक चर्चा की। हिन्दी विभाग के सह-प्राध्यापक डॉ॰ रवीन्द्र कुमार पाठक ने जाति चेतना और श्रम की महत्ता पर प्रकाश डालते हुए रविदास पर नए दृष्टिकोण से विचार करने की आवश्यकता पर बल दिया। सहायक प्राध्यापक डॉ॰ योगेश प्रताप शेखर ने संविधान में मिलने वाले समानता बंधुता के सिद्धान्त को संत रविदास की शिक्षाओं से प्रेरित बताया। कार्यक्रम में भाषा एवं साहित्य पीठ सह हिन्दी विभाग के प्राध्यापकगण डॉ॰ अनुज लुगुन, डॉ॰ शांति भूषण के साथ अन्य विभागों के अध्यापक शोधार्थी, विद्यार्थी उपस्थित रहे।

### बाबू जगजीवन राम जयंती, 5 अप्रैल 2021

सीयूएसबी के हिंदी विभाग की साहित्य एवं सांस्कृतिक संस्था 'कला एवं साहित्य परिषद्' के तत्वावधान में बाबू जगजीवन राम जयंती सप्ताह के अवसर पर एक विशेष संगोष्ठी का आयोजन किया गया। 'साहित्य एवं सामाजिक न्याय' विषय पर आयोजित संगोष्ठी की अध्यक्षता

## Events & Activities at CUSB



करते हुए डीन, साहित्य एवं भाषा पीठ के अधिष्ठाता प्रो. सुरेश चन्द्र ने सामाजिक न्याय की व्याख्या करते हुए समाज में व्याप्त सामाजिक अन्याय पर विस्तार से चर्चा की। डॉ. प्रदीप राम, सहायक प्राध्यापक, वाणिज्य संकाय ने बाबूजी के जीवन पर प्रकाश डालते हुए उनके संघर्षों को रेखांकित किया। डॉ. सुधांशु झा, अध्यक्ष, इतिहास विभाग ने भारत के संदर्भ में सामाजिक न्याय की व्याख्या एवं विश्लेषण किया। डॉ. झा ने कहा कि बाबूजी समाज और देश के सच्चे योद्धा थे, उन्हें केवल दलित नेता के रूप में याद नहीं किया जाना चाहिए। डॉ. रविकांत सह-प्राध्यापक, शिक्षक शिक्षा विभाग ने मनुष्यों के प्राकृतिक संघर्ष और सामाजिक संघर्षों पर विस्तार से बातचीत की। डॉ. शान्ति भूषण द्वारा डिस्क्रिमिनेशन और सामाजिक असमानता के भेद को व्याख्यायित किया गया। डॉ. योगेश प्रताप शेखर ने कहा कि समाज और साहित्य को पूर्वाग्रह से स्वयं को मुक्त करना होगा। कार्यक्रम में डॉ. रवीन्द्र कुमार पाठक, डॉ. कर्मानंद आर्य, डॉ. अनुज लुगुन, डॉ. रामचंद्र रजक, डॉ. कफिल अहमद नसीम, डॉ. रविन्द्र कुमार आदि उपस्थित रहे।

### Dhara Utsav on International Earth Day, 22<sup>nd</sup> April, 2021

The Dept. of Environmental Sciences celebrated the 51st International Earth Day as "Dhara Utsav". A webinar was organized on the topic "Restoring our Earth" in which Prof.

Anshumali, Dept. of Environmental Science & Emerging, IIT ISM Dhanbad delivered a special talk. The program was organized under the guidance of Prof. Umesh Kumar Singh, Head of EVS and coordinated by Dr. Rajesh Kr. Ranjan. Prof. Anshumali shared his views on "Recent Changes in Land Use and Land Cover". He highlighted the importance of forest and its relation with rivers. He also talked about keystone species, umbrella species and endemic species. Prof. Anshumali ended his lecture with the message "Save One Stream".



Prof. Umesh Kr. Singh explained "Bottom to Top Approach to Restore Our Earth". Hindi poetry recitation was done by Tanushree and Niharika, welcome speech was given by Nisha & slide presentation by Ankit and Gaurav Mishra. A video message was presented on "Restoring the Earth" by the students followed by vote of thanks by Priya Paridharini.

### Anti-Terrorism Pledge, 21st May, 2021

CUSB family observed the Anti-Terrorism Day as per the Ministry of Education, GOI directions. The University organised a special event through online mode. The programme started with the brief address of CUSB VC Prof. H.C.S. Rathore who expressed his concern for the employees and their families



affected by Covid-19. Further the Anti-Terrorism Pledge was Administrated by Registrar Col. R. K. Singh in which the participants said, "We, the people of India, having abiding faith in our country's tradition of non-violence and tolerance, hereby solemnly affirm to oppose with our strength, all forms of terrorism and violence. We pledge to upload and promote peace, social harmony, and understanding among all fellow human beings and fight the forces of disruption threatening human lives and values." Anti-Terrorism Day is celebrated across the country on 21st May in memory of former Prime Minister Rajiv Gandhi who was killed by the terrorists on 21st May 1992.

### Anti-Tobacco Pledge, 31st May, 2021

On the occasion of World Anti-Tobacco Day CUSB employees took the pledge for saying no to Tobacco products on 31st May, 2021. The University organised the pledge taking ceremony through online mode following Covid-19 protocols.

## Events & Activities at CUSB

Under the supervision of CUSB Vice-Chancellor Prof. H.C.S. Rathore, the University Registrar Col. R.K. Singh read out the Anti-tobacco oath, which was joined by participants.

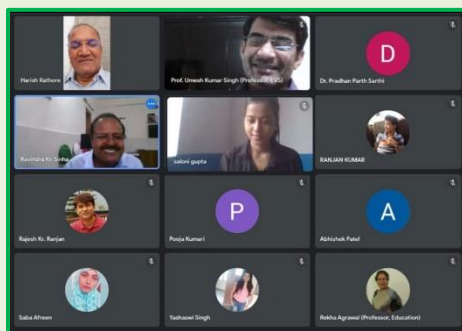


It said, "On this occasion of World No Tobacco Day, I take a pledge that I shall never smoke & consume any type of tobacco products in my life and motivate my family or acquaintances to not to smoke / use any tobacco products. I shall motivate my colleagues for the same". The Theme of World No Tobacco Day 2021 was 'quit tobacco to be a winner'.

### World Environment Day, 06<sup>th</sup> June, 2021

On the occasion of World Environment Day the Dept. of Environmental Sciences of CUSB organized a webinar on the theme "Ecosystem Restoration" which was attended by over 100 participants from different parts of the country. As the keynote speaker Padma Shri Prof. R. K. Sinha said that the time has come for restoring the Ecosystem and even the common people may make a significant contribution by tweaking their lifestyles. Prof. Sinha

gave very basic and fundamental ideas about the ecosystem. He shared his experience that he explored the Ganga Flood Plains near Haridwar but was disheartened to find the ecology that was once prevalent in the 1970's. He said that site specific solution policies should be made. He advised that university should work in village for these specific issues. Prof. Sinha concluded his talk with the message "Think Globally Act Locally".



Earlier CUSB Vice-Chancellor Prof. H. C. S. Rathore welcomed the Guest Speaker Prof. Sinha Vice-Chancellor, Sri Mata Vaishno Devi University, Katra Jammu, also known as 'Dolphin Man of India'. He shared that CUSB campus is Zero discharge campus as it recycles all the water. The campus is developing into a surplus recharge campus as it has developed an artificial pond which is serving very efficiently from the past three years. Prof Umesh Kr. Singh, Head, Department of Environmental Science, CUSB gave a brief overview about the webinar and shared a few words. He elaborated why Ecosystem

Restoration has been used as the theme of World Environment Day 2021. This event was coordinated by Dr. Rajesh Kr. Ranjan, Asst. Prof. of Dept. of EVS and it ended with the Vote of Thanks given by Prof. P.P. Sarthi, Dept. of EVS.

### Free Covid-19 Vaccination Drive at CUSB, 16<sup>th</sup> June, 2021

On the recommendation of CUSB VC Prof. H.C.S. Rathore a free Covid-19 Vaccination Camp was organized. CUSB Registrar Col. R. K. Singh worked tirelessly to organize vaccination camp in the University campus. Dr. Vivek Narayan, Medical Officer CUSB, successfully organized the camp with the help of University Health Center employees Mrs. Madhu Kanchan, Mr. Dilip Kumar Mohapatra and Dresser Mr. Sunny Kumar Gupta. A total of 70 persons were given vaccine in the vaccination camp, which included 60 Covishield doses and 10 Covaxin second doses.



For vaccination in the university, a team of six (6) members came from Tekari sub-division hospital, which included Dr. Mohd. Mahfooz Alam and Dr. Shyamali Shaw etc.



## Webinars, Conferences, Seminars, Talks, etc.

### Talk on 100 Years of the Harappan Culture, 24th January, 2021

The Dept. of History of CUSB organised a talk on the topic "100 Years of Research on the Harappan Culture: Achievement & Challenges". The talk was organised as part of the celebration of Centenary of Discovery of Harappan Civilisation in association with Archaeological Exploration and Excavation Dept., Heritage Society, Patna.

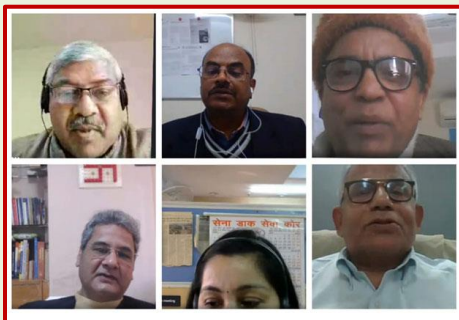


Prof. Vasant Shinde, Director General & former VC Deccan College Post Graduate & Research Institute threw light on the various aspects of Harappan civilization in detail and discussed the contributions of this civilization in Indian history and world history. He said that the people of that time first introduced the world to the drainage system, port, maritime trade, urbanization, etc. Dr. Sudhanshu Kr. Jha, Head I/c, History Dept., CUSB suggested naming the Harappan civilization as Indian civilization. Azad Hind Gulshan Nanda as the moderator and Dr. Anantashutosh Dwivedi as organising secretary also shared their views on the topics.

### Training Programme on Disaster Management, 27-29 January, 2021

The Dept. of Geology of CUSB organised a three-day online training programme on the topic "Basics of Disaster Management".

The programme was organised in collaboration with National Institute of Disaster Management (NIDM), New Delhi. The speakers of the training programme were Dr. Sushma Guleria, Asst. Prof., NIDM, New Delhi, Dr. Rajnish Ranjan, Sr. Consultant, NIDM, New Delhi and Dr. Sanjay Rana, Managing Director, PARSAN & Chairman, Aqua Foundation and Dr. Prafull Kr. Singh, Associate Prof., Dept. of Geology, CUSB. Prof. D.K. Pandey, Head, Dept. of Geology, CUSB highlighted the need of disaster management practices and anthropogenic disasters. Prof. Ram Kumar, Dean SEBES and Prof. Venktesh Singh, Dean, SPCS also presented their views on disaster management. Dr. Vikal Kr. Singh, Asst. Prof., Dept. of Geology, moderated the question answer session.



### Webinar on Copyright Issues in Academic Research, 28th Jan, 2021

The Internal Quality Assurance Cell (IQAC) of CUSB conducted a special webinar on the topic 'Copyright and Plagiarism in Educational Research'. The event was conducted under the guidance of Prof. Venktesh Singh, Chairperson IQAC for the newly enrolled research scholars in the session 2020-21 and intended for the development of good academic culture. Prof. Venktesh Singh shared

the importance of the topic and said that the University is committed to provide an amicable research culture.



The keynote speaker of the webinar, Dr. Rajnish Kr. Singh, Associate Prof., Faculty of Law, BHU made the researchers aware of the nuances of copyright and plagiarism. He also told that how one can increase the quality of the research article by keeping detailed knowledge of these issues. Member of IQAC Prof. S.P. Srivastava described the importance of the subject. Dr. Digvijay Singh presented the outline of the topic, while Dr. Tarun Kr. Tyagi proposed vote of thanks.

### Awareness Programme on Social Defence, 29th January, 2021

The Dept. of Sociological Studies of CUSB organized an online awareness program on the topic 'Social Defence' in collaboration with National Institute of Social Defence (NISD), New Delhi. Dr. Virendra Mishra, Director, NISD in his talk shared about social problems and necessary measures to solve them. He gave special emphasis that the youth should use their strength in the right direction for solving the social issues. Deputy Director Dr. Giriraj gave detailed information about the various activities of the NISD. Prof. A.N. Singh of BHU, Varanasi discussed various aspects of social defence as well as the possibilities of

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employment and research in this field. Dr. Anil Kr. Singh Jha, Head of Sociological Studies, CUSB said that in the present environment of modernization and globalization, the importance of subjects like social defence has increased even more. Questions of the participants were answered by the experts at the end.



### साहित्यिक-सांस्कृतिक परिचर्चा पर संगोष्ठी, 29 जनवरी, 2021

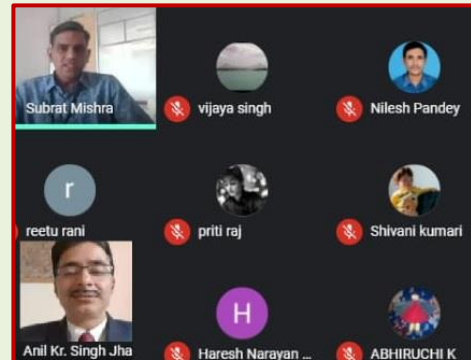
साहित्यिक एवं सांस्कृतिक पहलुओं से जुड़े अहम बिंदुओं पर चर्चा करने के लिए सीयूएसबी के 'हिन्दी विभाग' में एक विशेष संगोष्ठी का आयोजन किया गया। कार्यक्रम की अध्यक्षता करते हुए प्रो. सुरेश चन्द्र ने साहित्य की महत्ता एवं उसकी उपयोगिता पर प्रकाश डालते हुए साहित्य को मनुष्य एवं मानवता की एक प्रेरक शक्ति के रूप में देखे जाने का प्रस्ताव रखा। डॉ. योगेश प्रताप शेखर ने इस संगोष्ठी को विद्यार्थियों के लिए एक ऐसे रचनात्मक मंच के रूप में देखे जाने का प्रस्ताव रखा, जिसके माध्यम से शोधार्थी एवं विद्यार्थी अपनी प्रतिभा एवं मानसिक क्षमता का विस्तार कर सकते हैं। सह-प्राध्यापक डॉ. रवीन्द्र कुमार पाठक ने इस तरह की संगोष्ठियों को केवल अकादमिक सन्दर्भों तक सीमित रह जाने के बरअक्स इस तरह के आयोजनों को विद्यार्थियों, शोधार्थियों की रचनात्मकता में सकारात्मक परिवर्तन लाने हेतु

आवश्यक मानते हुए विद्यार्थियों को उनकी मौलिक योग्यता सम्बन्धी गुणों से भी परिचित कराया। डॉ. कफील अहमद ने हिन्दी और उर्दू भाषा एवं साहित्य की समन्वयात्मकता सम्बन्धी गुणों पर रौशनी डालते हुए शोधार्थियों को शोध से सम्बन्धित कुछ महत्वपूर्ण पक्षों से परिचित कराया। कार्यक्रम के संयोजक डॉ. कर्मनन्द आर्य ने स्वरचित कविता 'इन दिनों' का काव्य-पाठ करने के साथ-साथ इस तरह के आयोजनों को गुणात्मक सुधार लाने हेतु आवश्यक माना, वहीं डॉ. रामचन्द्र रजक ने भी अपने विचार साझा करते हुए साहित्य में महत्व को बताया।



### Webinar on Employment in Social Sector, 02nd February, 2021

The Dept. of Sociological Studies of CUSB organized a webinar on the topic "Employment in Social Sector". Dr. Anil Kr. Singh Jha, Head, Sociological Studies said that there is a huge possibility of employment in the Social Sector for the students if they have a good understanding of the subject, practical knowledge and patience. Dr. Subrata Kumar Mishra, placement in-charge of Aziz Premji University, Bangalore explained about the various possibilities of employment in the social sector. He said that along with book knowledge, one should choose employment keeping in mind the area of interest.



While answering the questions of the participating students, Dr. Mishra also gave some basic tips for getting success in the employment. Vote of thanks was given by Dr. Jitendra Ram, Asst. Prof. of the department.

### National Webinar on Rejuvenation through Yoga, 09 - 10 Feb, 2021

The Dept. of Physical Education of CUSB organised a two-day national webinar on the topic 'Rejuvenation through Yoga' in association with Internal Quality Assurance Cell (IQAC) of CUSB. Prof. H. C. S. Rathore talked about Yoga and its importance in day-to-day life. Prof. Jatin Soni, former VC of Swarnim Gujarat Sports University as the chief guest of the webinar shared various aspects about the benefits of Yoga techniques (postures).



Other speakers of the webinar Prof. Rajeev Chaudhary from Pt. Ravi Shankar Shukla University, Dr. Subodh Singh from UP College Varanasi, Dr. Shridip Chatterjee, Mr. Ashit Ambekar, Counsellor and



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Psychotherapist, Pune, Maharashtra, Dr. Prashant Kumar Roy, Associate Prof., Shri Gandhi PG College, Maltari, UP and Dr. Tarak Nath Pramanik, Associate Prof., IGISS, New Delhi highlighted various aspects of Yoga. Dr. Ashish Kumar Singh, Head of Department of Physical Education and Prof. Kaushal Kishore, Dean School of Education and Organizing secretary Dr. Gaurav Kr. Singh also addressed the participants. Prof. Venkatesh Singh, Dean SPCS and coordinator IQAC Proposed vote of thanks.

### Discussion on General Budget, 09th February, 2021



The Dept. of Commerce & Business Studies, CUSB organized a discussion on General Budget entitled "Budget Discussion 2021". As the speakers Dr. M.S. Vengadamani, Director, Amity Business School, Chennai, and Prof. Krishnan Chalil, Dean, School of Social Sciences and Policy, CUSB gave their insights on different pros and cons of the budget in a nutshell. In the welcome address, Prof. Brajesh Kumar, Dean & Head, Dept. of Commerce highlighted the importance of discussing the practical implications of budget on the common men. The session was moderated by Dr. Pawas Kumar and compared by Ms. Renu. The vote of thanks was proposed by Dr. Pawas Kumar, Asst. Prof., Commerce.

### Workshop on Future Teacher Education Prog., 17 – 19 Feb, 2021



The School of Education (SOE), CUSB organized a three-day Workshop on "Future Teacher Education Programme in India" under PMMMNMTT scheme. The co-coordinator Dr. Pragya Gupta, Asst. Prof., DOTE, CUSB threw light on the various dimensions of the future teacher education program, while Prof. Kaushal Kishore, Head & Dean, SOE described the theme. CUSB VC Prof. H.C.S. Rathore highlighted the utility and relevance of the 4-year integrated program of teacher education. Prof. Naval Kishore Ambasth, PVC IASE Rajasthan said that we can develop skilled and efficient teachers according to requirements of the 21st century though NEP-2020. Prof. C.P.S. Chauhan, former Dean, Dept. of Education, AMU, described the ways to make the apex body of teacher education (NCTE) more effective. Prof. Rekha Aggarwal, Nodal Officer, PPPNMTT emphasizes upon the need bring changes in teacher education programme. In the valedictory session Prof. Nagendra Singh, Dean Research, RIE, NCERT, Ajmer said NEP – 2020 is bridging the gap between theoretical and practical aspects of the curriculum. Workshop coordinator Dr. Tarun Kr. Tyagi proposed vote of thanks.

### Webinar on 'Role of teachers in New Education Policy', 19<sup>th</sup> Feb, 2021

A one-day webinar on the topic 'Role of teachers in New Education Policy' was organized by CUSB in collaboration with Bharatiya Shikshan Mandal and NITI Aayog. Presiding the event, CUSB VC Prof. H.C.S. Rathore said that NEP has immense potential to improve the education system of the country. The main objective of the webinar was to review the challenges and finding their solutions in the implementation of National Education Policy – 2020.



Highlighting the implementation of the new education policy, Dr. Umashankar Pachauri, the General Secretary of the Indian Education Board, said that renaming the Ministry of Human Resource and Development to the Ministry of Education is a commendable step. We are moving towards creating human beings instead of resources. He gave tactful suggestions to consider the solution before the problem. In the program, Dr. Gopal Singh, Shri Mukul Kantikar (BSM) also gave their views on the topic in detail. The one day webinar was organized under the aegis of Dept. of Environmental Sciences of CUSB under supervision of Prof. Umesh Kumar Singh in which Dr. Prashant played an important role.

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### 'अध्यापक शिक्षा एवं एनईपी -2020'

विषय पर संगोष्ठी, 20 फरवरी, 2021

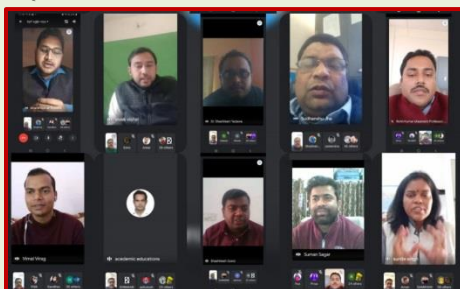


सीयूएसबी के अध्यापक शिक्षा विभाग एवं विद्या भारती उच्च शिक्षा संस्थान के संयुक्त तत्वावधान में 'अध्यापक शिक्षा एवं राष्ट्रीय शिक्षा नीति-2020' विषय पर एक क्षेत्रीय संगोष्ठी का आयोजन किया गया। मुख्य अतिथि के रूप में आरएसएस के अखिल भारतीय सह प्रचार प्रमुख श्री सुनील अम्बेकर जी ने राष्ट्रीय शिक्षा नीति - 2020 के साकारात्मक पहलुओं को साझा किया। शिक्षा पीठ के अधिष्ठाता प्रो. कौशल किशोर ने वेबिनार के विषयवस्तु एवं उद्देश्य से अवगत कराया। विशिष्ट अतिथि प्रो. चांद किरण सलूजा ने अपने व्याख्यान में राष्ट्रीय शिक्षा नीति की मूल भावना पर जोर दिया। अपने अध्यक्षीय संबोधन में कुलपति प्रोफेसर राठौर ने विश्वगुरु भारत के निर्माण की चर्चा की। मंच संचालन सहायक प्राध्यापिका डॉ. कविता सिंह ने किया जबकि प्रोफेसर रेखा अग्रवाल द्वारा धन्यवाद ज्ञापन दिया गया। वेबिनार के आगे सत्रों में प्रो. चांद किरण सलूजा, अकादमिक निदेशक, संस्कृत संवर्धन प्रतिष्ठान, नई दिल्ली, डॉ० राम शंकर सक्सेना, एमिटी यूनिवर्सिटी नोएडा के एवं प्रोफेसर लक्ष्मीधर बेहेरा, क्षेत्रीय शिक्षा संस्थान, भुवनेश्वर ने व्याख्यान दिए। प्रो. कौशल किशोर एवं प्रो. आतिश पराशर ने भी अपने विचार साझा किए। धन्यवाद ज्ञापन शिक्षा विभाग के सह प्राध्यापक क्रमशः डॉ० रवि कांत एवं डॉ० तपन कुमार बसंतिया ने प्रस्तुत किया।

### आधुनिक काल के महत्वपूर्ण राष्ट्र-चिन्तक

विषय पर व्याख्यान, 25 फरवरी 2021

सीयूएसबी के ऐतिहासिक अध्ययन एवं पुरातत्व केंद्र द्वारा राष्ट्र-निर्माताओं की याद में एक विशेष व्याख्यान का आयोजन किया गया। व्याख्यान-श्रृंखला में देश के महान हस्तियों क्रमशः विवेकानंद, श्री अरविंद, महात्मा गाँधी, सुभाष चंद्र बोस, अंबेडकर, जवाहर लाल नेहरू, अल्लामा इकबाल, राजा राममोहन राय, महामना मालवीय जी के आदर्शों एवं चिंतन का स्मरण किया गया। दिल्ली विश्वविद्यालय की प्राध्यापिका डॉ. सुनीता सिंह ने महर्षि अरविंद के जीवन के दार्शनिक पक्ष को रेखांकित किया। दुमका विश्वविद्यालय के डॉ. सुरेन्द्र कुमार सिंह ने पंडित दीनदयाल उपाध्याय के विचारों के महत्व को साझा किया।



डॉ. दीपक कुमार, वीर कुंवर सिंह विश्वविद्यालय ने सुभाष चंद्र बोस के जीवनी पर प्रकाश डाला, जबकि डॉ. विमल कुमार, बलिया पीजी महाविद्यालय ने अंबेडकर के लोकतांत्रिक एवं संवैधानिक विचारों का स्मरण किया। डॉ. शशिकान्त यादव, काशी हिन्दू विश्वविद्यालय ने मालवीय जी के राष्ट्र-निर्माण में योगदान को स्मरण किया। सीयूएसबी के इतिहास विभाग के अध्यक्ष डॉ. सुधांशु कुमार झा ने कहा कि इतिहास की शिक्षा हमें यह अवसर देती है कि हम न केवल राष्ट्र-निर्माण की प्रक्रिया को समझें बल्कि उसमें अपना सचेतन और सक्रिय योगदान भी दे सकें।

### National Workshop on Pedagogical Practices 01st – 03rd March, 2021

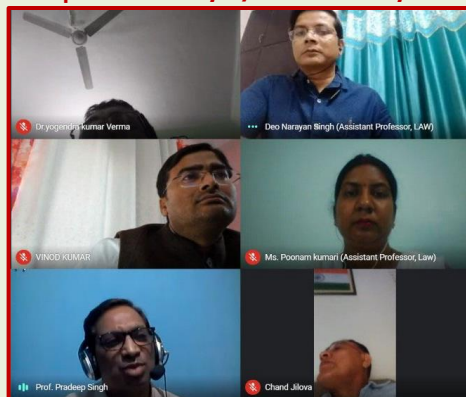


The Dept. of Teacher Education of CUSB organized a three-day National Workshop on "Pedagogical and Assessment Practices in Mathematics at School Level" under PMMMNMTT scheme of Govt. In the inaugural session, Prof. Kaushal Kishore, Head & Dean, SOE welcomed the guests, further coordinator Dr. Tarun Tyagi described the theme of workshop and Programme Co-coordinator Dr. Sandeep Kumar introduced the participants. The workshop was presided over by the Nodal Officer of PMMMNMTT scheme, Prof. Rekha Agarwal and compared by Dr. Pragya Gupta. In the inaugural address Prof. C. P. Singh Chauhan, Former Dean, Faculty of Social Science, AMU said while teaching Mathematics instead of following the mechanical methods for solving the problems the teachers should also clarify the concepts. Prof. PC Agrawal Principal, RIE, Bhubaneswar, Ms. Rashmi Kathuria, who has been honored twice with President's Award, Global Teacher Award, Google Certified Innovator Award, Prof. Hukum Singh, Dean Academy, NIE, NCERT, Dr. Saurabh Kapoor, RIE, Bhubaneswar, Prof. Bhudev Singh, Prof. Anoop Kumar Rajput, Dept. of Elementary Education, NCERT Jonaki B. Ghosh, Lady Shri Ram College, University of Delhi were other experts speakers of the workshop.



## Webinars, Conferences, Seminars, Talks, etc.

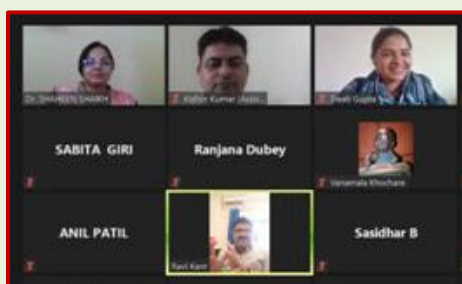
### National Conference on Women Empowerment, 07 – 08 March, 2021



The Legal Aid Clinic in association with Literary and Debating Society, School of Law and Governance (SLG) of CUSB organized the national conference on the theme, "Women Empowerment and Role of Legal Services Authority". Prof. (Dr.) Manik Chakraborty, Former Director & Advisor Amity University eloquently provided an insight over the relevance of theme in today's time. Prof. Pradeep Kr. Singh, BHU discussed various issues pertaining to women. Other speakers of the conference were Mr. Vinod Kumar Chaurasia, Additional District and Session Judge, Ghaziabad, Dr. Vandana Singh, GGSIPU, Prof. Rajneesh Kr. Patel, BHU, Mr. Krishna Murari Yadav, DU, Dr. Yogendra Verma, PU, Dr. Vani Bhushan, PU and Prof. Suresh Chandra, Dept. of Hindi, CUSB. In the valedictory session Prof. Pawan Kr. Mishra thanked all the experts and participants. Prof. Bhavani P Panda, Director, School of Law, KIIT University shared his views on the theme of conference. Prof. Krishnan Chalil, Dean, SSSP, CUSB also shared his thoughts. Vote of thanks was given by Dr. Deo Narayan Singh, Asst. Prof. & coordinator of the event.

### Workshop on Emerging Trends for Teaching, 15 – 17 March, 2021

A national workshop-cum- training programme was organized by School of Education, CUSB on the topic "Emerging Trends for Language Teaching with Reference to NEP-2020". Prof. Kaushal Kishore, Dean and Head, formally inaugurated the workshop by welcoming the guests and all the enthusiastic participants. Prof. Rekha Agarwal, Nodal Officer, PMMMNMTT briefed about the session.



Prof. C.P.S Chauhan, the chief guest of the session highlighted the various language teaching related clauses in the policy document of NEP-2020. Prof. H.C.S Rathore, VC CUSB, enriched participants with his views regarding the use of language in teaching and learning. Dr. Alok Guardia, Dept. of Education, BHU, Prof. Gyandev Mani Tripathi, Head of the Dept. of Education, AKU, Patna, Prof. Usha Sharma, Department of Elementary Education, NCERT, Delhi and Dr. Shaheen Altaf Sheikh, MANUU were other expert speakers of the workshop. Presiding the concluding session Dr. Ravi Kant, Associate Prof., CUSB said that children can assimilate any language at any time. Dr. Swati Gupta conducted the three-day workshop and vote of thanks was given by Dr. Kishore Kumar.

### Workshop on Innovation Pedagogy, 15 – 20 March, 2021

The School of Education (SOE) of CUSB organised a Workshop-cum-Training Programme on Innovation Pedagogy. Prof. Kaushal Kishore, welcomed the guests, while Prof. Rekha Agrawal told about theme of the programme. Prof. Tripathi, Director IUCTE, Varanasi emphasized upon the need of creating vibrant teaching-learning experiences for the learners. Prof. Rathore put the emphasis to produce educationalist instead of teachers. Dr. Shashi Prabha, NCERT, New Delhi and Mrs. Reshmi Kathuria Kulachi Hansraj Model School, New Delhi were experts of the training session. Prof. Kaushal Kishore gave his deliberation on 'Cooperative Learning', while Dr. T. K. Basantia talke 'Fostering Creative Thinking Skills'. Prof. P.C. Agrawal, Principal, RIE, Bhubneshwar, Mr. G.V.R. Prasad, (Former Director, DIET, Ratu, Dr. Rajesh Kumar Sinha, Principal, Upgraded High School, Adampur and Prof. S.P.Srivastava, Dept. of Law, CUSB shared their views as experts.



The valedictory session was attended by Prof. Kusum Rai, Prof. O.P. Rai, Prof. Kaushal Kishore and the members of coordinating team, Dr. N.V. Singh, Dr. Swati Gupta and Dr. Sandeep Kumar.



## Webinars, Conferences, Seminars, Talks, etc.

### Training Programme on Research Ethics, 15 – 22 March, 2021

The School of Education (SOE) of CUSB organised an Online Training Programme entitled 'Research and Publication Ethics (RPE)' under PMMMNMTT scheme' of GOI. It was organized under the supervision of Prof. Kaushal Kishore, Head & Dean, SLG, while Dr. Chandan Shrivastava was Coordinator and Dr. Manish Kr. Gautam was Co-coordinator. Prof. Rekha Agrawal, PMMMNMTT explained about the scheme in the inaugural session, which was followed by the talk of Prof. Micheal M. Van Wyk, Chair, Dept. of Curriculum & Instructional Studies, University of South Africa. He talked about the essential parameters for writing research papers, without which the meaning of research is incomplete.



CUSB VC Prof. H.C.S. Rathore highlighted the importance of research for a self-reliant India. Other speakers were Prof. Asif Hassan, IJHPM, Australia, Prof. Rajani Ranjan Singh, DSMNRU, Lucknow, Prof. Santosh Panda, STRIDE, IGNOU, Prof. Usha Sharma, NCERT, Prof. Arbind Kr. Jha, BBAU, Lucknow, Dr. Nabi Hasan, Central Library, IIT Delhi, Prof. Chandra B. Sharma, IGNOU, Prof. Namita Ranganathan, CIE - DU, Dr. Mayanak Yuvaraj, Asst. Librarian CUSB, Prof. K. Pushpanadham, MSU, Baroda, Dr. Shveta Uppal, NCERT and Dr. Digvijay Singh, CUSB.

### Online Orientation On Child Centric Disaster, 18 – 20 March, 2021



An online orientation programme on the topic "Child Centric Disaster Risk Reduction" was organised by the Office of Proctor & IQAC of CUSB in collaboration with National Institute of Disaster Management (NIDM). Prof. Umesh Kr. Singh, Proctor, CUSB discussed about two kinds of disaster i.e. natural and man-made disaster. Prof. Santosh Kumar, HoD, CCDRR, NIDM said that Behavioural knowledge is essential to counter disaster events. IQAC co-ordinator, Prof. Venktesh Singh said the children get badly affected if their parents become victims of disaster. Prof. Aatish Prashar, DSW said such programmes are very important in building the capable human resource to counter upcoming disasters. Dr. Kumar Raka of NIDA conducted the activity session titled "Do's and Don'ts on Covid-19". While Dr. Balu of NIDM focused on capacity building and preparation to manage disaster effectively. Dr. Prashant, Asst. Prof., EVS, CUSB spoke on "Highlighting environmental hazards and effects on children". Ms. Namrata Sharma, Psychologist, YWCA, New Delhi spoke on Psychological understanding of children in disasters and emergencies. Dr. Sujeet Kumar, Asst. Prof., Mass Communication coordinated the programme. About 600 participants were awarded e-certificate.

### Emerging Trends in Pedagogy of Social Sciences, 18 - 20 March, 2021

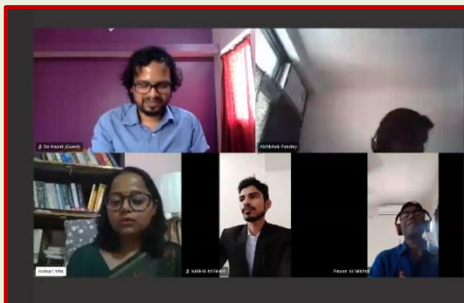
A three-day national training programme organized on the topic 'Emerging Trends in Pedagogy of Social Sciences' by School of Education (SOE) of CUSB under PMMMNMTT scheme of MOE, GOI. Prof. Kaushal Kishore, Head & Dean, SOE welcomed the guests and participants, Nodal Officer of PMMMNMTT Prof. Rekha Agrawal deliberated about the scheme. The coordinator of the program Prof. Pankaj Arora, Director, Institute of Life Long Learning, University of Delhi as the chief guest presented a larger framework of social sciences adding with the issues and strength of gender and inclusion.



CUSB VC Prof. H.C.S. Rathore said that the major failure of social science teachers is that they never bring the learning of Social Sciences to the application level of Bloom's taxonomy. Expert speakers of the three-day programme were Dr. Ashish Ranjan, Dept. of Education, University of Delhi, Ms. Smita Vats, Founder-Director of ITIHAAS, a Delhi based NGO, Dr. Dimple Rangila, Lady Irwin College, DU, Prof. Jawari Mall Parakh, a scholar of sociology of cinema. At last, Dr. Samresh Bharaty and Dr. Kavita Singh joint coordinators of the program presented vote of thanks.

## Webinars, Conferences, Seminars, Talks, etc.

### Workshop on Law & Social Science Interference, 22nd April, 2021

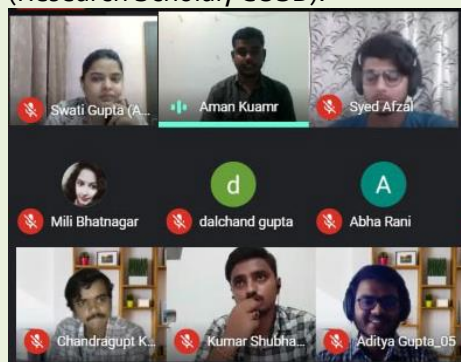


The School of Law & Governance of CUSB organized a workshop on the topic 'Law and Social Science Interference: Importance of Social Science for Law Students'. The keynote speaker Mr. Abhishek Pandey, Scholar, National Institute of Educational Planning and Administration, New Delhi said that without understanding social science we cannot claim to have a better understanding of Law. Points like social-contract theory, various dimensions of justice, development of democracy, etc. were highlighted in the talk. Earlier, the program started with the introduction of the theme by Dr. Kumari Neetu, Asst. Prof., Law. Further, Prof. Pawan Kumar Mishra, Head and Dean, SLG emphasized that the study of Social Science is an important step in understanding the subjects of Law. After Q & A Session, the convener of the program Dr. Anant Prakash Narayan proposed vote of thanks.

### Debate 'One Nation, One Education System', 23rd May, 2021

An Online Debate was organised on the topic 'One Nation One Education System' under the umbrella of Cultural and Literary Committee of School of Education (SOE) of CUSB. The event was coordinated by Dr. Swati Gupta, Asst. Prof., Education

and two groups participated in the interesting debate. One group comprised of students from B.Sc. B. Ed. (4th semester) and other group was having students from B.A. B. Ed. (4th semester). There were 8 Students from both the groups and 1 moderator. Ujjawal, Aman Kumar, Ashna Kumari, Chandragupt Kushwaha, Monalisha, Priya Raj, Rajan Kumar, Tanu Priya, Surabhi Rani students from B. Sc. B.Ed. were against of the motion and on other hand, Sakshi, Rishu, Rashmi Srivastava, Ekta Saroj, Manish Kumar, Aditya Gupta, Rishi Raj, Anugunj Raj, Syed Afzal Ahmad, Sourav are the students from B.A. B.Ed who were in favour of the motion. Kumar Shubham was the moderator. Role of judges was played by Dr. Ravi Kant (Associate Prof., CUSB), Dr. Rinki (Assistant Prof., CUSB) and Ranjan Kumar Singh (Research Scholar, CUSB).



Students who were in the favour of the topic highlighted the importance of One Education System to reduce the gap between knowledge, facilities provided by different school boards and to remove discrimination among students on the basis of marks. While the opposite group discarded the points and highlighted that how One Education System can create problems for our society.

### 7-Day International Workshop on Yoga June 15-21, 2021



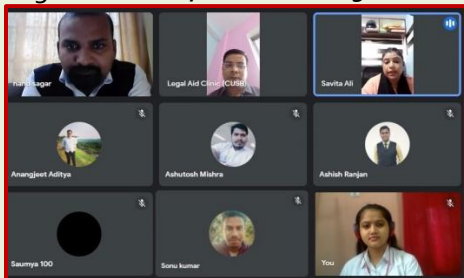
A seven-day International Yoga E-Workshop was jointly organized by Dept. of Physical Education and Sports Committee of CUSB. The workshop was inaugurated by CUSB VC Prof. H.C.S. Rathore. On Day 1 the expert was Yog Guru Shree Santosh Gupta from Honai Vietnam, while the expert of the day 2 was Dr. Prashant Kumar Rai, Associate Prof., Shree Gandhi P.G College Azamgarh. Col. Rajeev Kr. Singh, Registrar, CUSB shared his experience of army life. On day three the expert was Dr. Laxmi Narayan Joshi, yoga therapist from Haridwar, while Dr. Taraknath Pramanik Associate Prof., IGIPES, DU was expert for day 4 & 5. Prof. Atish Parashar, DWS, CUSB in his address quoted that. "Yoga should be made as way of life". On day six Ms. Vera Bykova, an expert in therapeutic yoga from Moscow Russia took the session. Dr. Vivek Narayan, Medical Officer of CUSB also shared his views on Yoga. Dr. Suman Kumar Maity from Kolkata was the expert for the seventh day. Students of the dept. Ashutosh Bharadwaj and Ms Huma Fatima gave beautiful presentations of Asanas. Dr. Ashish Kr. Singh, Head, Dept. of PE, Dr. Usha Tiwari, the Organizing Secretary Dr. Pinto Lal Mondal, Dr. Rahul Singh, Dr. Gaurav Kr. Singh and Dr. J.P. Singh Assistant Director, Physical Education made the event successful.



## Webinars, Conferences, Seminars, Talks, etc.

### National Workshop on Stages of Criminal Trial, 19th June, 2021

The Legal Aid Clinic, SLG of CUSB organized a national workshop on "Stages of Criminal Trial and Rights of Victims" in collaboration with Bihar Legal Network, Patna on 19<sup>th</sup> June.



Supreme Court Advocate Mr. Nand Sagar explained the importance of the Indian Penal Code, Criminal Procedure Code and Evidence Act for the criminal process. He also explained the process of lodging an FIR in the police station and the remedies if the FIR is not filed? Earlier, Dr. Deo Narayan Singh, faculty co-ordinator, Legal Aid Clinic and Asst. Prof. CUSB began his talk with very famous lines of Justice Hugo Blake of U.S. Supreme Court which meant that justice cannot be done so long as it depends upon the capacity of a person that how much he can pay. The second speaker of the program, Advocate Savita Ali, Advocate Patna High Court and Director Bihar Legal Network, highlighted the work of Bihar Legal Network and gave valuable information about the real state of affairs at ground level. She advocated the practice of putting one's views as an advocate clearly in the court and told how people can be saved from the atrocities of the police. The program concluded with the vote of thanks by Dr. Neetu Kumari, Assistant Professor, Law, CUSB.

### Talk on Science of Water Conservation, 28th June 2021

The Ek Bharat Shreshta Bharat Club (EBSB) of CUSB organized a talk on the topic "The Science of Water Conservation". The event was organised under the guidance of EBSB NODAL Officer and DSW Prof. Atish Prashar and it was joined by around 150 participants. Prof. Prashar delivered the inaugural speech and welcomed all the participants, while Dr. Priya Ranjan, Asst. Prof., Dept. of Sociology and Member Secretary of EBSB enlightened the audience on Jal Shakti Abhiyan.



As the guest speaker Dr. Prashant, Asst. Prof., Dept. of EVS, CUSB elaborated about the need for water conservation, water cycle, traditional water conservation practices in Bihar, wisdom of ghagh, artificial recharge of ground water, etc. During his talk Dr. Prashant mentioned various methods of water conservation including the traditional irrigational system of 'Ahar Pynes', usually practiced in South Bihar. He also appealed the participants to make small efforts for conserving water while doing the daily household chores & closing the tap while brushing their teeth or washing hands. At the end Mr. Muneendra Mishra, the Convenor of EBSB Club and designated as Hindi Officer at Tripura University proposed the vote of thanks.

### Online Counselling Session on Covid-19, 30th June, 2021



The Dept. of Teacher Education of CUSB organized an online counseling session on the topic 'Promoting Students' Physical and Mental Well-being amid COVID-19 Pandemic'. The counseling programme was conducted keeping in mind the physical and mental health of the students during the COVID-19 pandemic and co-ordinated by Dr. Pragya Gupta, Assistant Prof., Dept. of Education. The questions were compiled by the members of the committee Dr. Mitanjali Sahu and Dr. Tarun Kumar Tyagi. Dr. Vivek Narayan, Medical Officer of CUSB, Dr. Dharmendra Kr. Singh, Head, Dept. of Psychology, Dr. Narsingh Kumar, Asst. Prof., Dept. of Psychology and Dr. Pintu Lal Mandal Asst. Prof., Dept. of Physical Education and Prof. Kaushal Kishore, Dean & Head, SOE joined the session and addressed the concerns of the participating students. Suitable solutions were given to the students by discussing possible solutions to the physical and mental health problems. At the end of the program, Dr. Ravi Kant, Associate Prof., Dept. of Education proposed vote of thanks. Other faculty members of the Education department, Dr. Muzammil Hassan, Dr. Manish Kumar Gautam, Dr. Sandeep Kumar etc. were also present in this online counseling session.





## Faculty Publications, Achievements, Activities, etc.

### School of Earth, Biological & Environmental Sciences

#### Department of Biotechnology

#### **Prof. Rizwanul Haque, Professor**

##### **Book Chapter**

- ❖ Archana Chaudhri & **Rizwanul Haque**. The Healing Art of Arsenic in Various Malignancies. Arsenic Toxicity: Challenges and Solutions, 2021 Springer Dr. N Kumar (Ed), Accepted for publication. ISBN: 978-981-336-067-9

##### **Article in Journal**

- ❖ Neeraj Kumar Rai, Panjwani G, **Rizwanul Haque**, Ghosh AK, Sharma L.K\*. (2021). Analysis of mitochondrial DNA copy number variation in blood and tissue samples of metastatic breast cancer Patients. Biochemistry and Biophysics Reports. Feb 3;26:100931. doi: 10.1016/j.bbrep.2021.100931. Impact Factor-2.61, ISSN: 2405-5808

##### **Other Activities / Achievements**

- ❖ As the External Examiner evaluated the PhD thesis of Ms. Nidhi Tayal, Amity Institute of Biotechnology, Amity University, NOIDA, Uttar Pradesh.

#### **Dr. Rakesh Kumar, Associate Prof.**

##### **Book Chapter**

- ❖ "Protein-Based Biodegradable Polymer: From Sources to Innovative Sustainable Materials for Packaging Applications" (Chapter 3, pp 51-68) by Huafeng

Tian, Yunxuan Weng, Rakesh Kumar, Priya Rani, Gaiping Guo being Edited by Salit Mohd Sapuan, Rushdan Ahmad Ilyas in a book published entitled "Bio-Based Packaging: Material, Environmental and Economic Aspects" (ISBN: 111938107X, 9781119381075) from a John Wiley and Sons, March 2021.

##### **Research Papers / Articles in Journals**

- ❖ Rani P, **Rakesh Kumar** "Material, Antibacterial and Anticancer Properties of Natural Polyphenols Incorporated Soy Protein Isolate: A Review" by European Polymer Journals (IF-4.598), Vol 152, Article No 110494, 2021.
- ❖ **Rakesh Kumar**, Aditi Pathak, Priyragini Singh, K. Dinesh Kumar "In-situ Production and Collection of Bacterial Cellulose on Jute and Flax Mats by Static Cultivation" Journal of Natural Fibers (IF-5.323), DOI: 10.1080/15440478.2020.1870638 (Online, 16th Jan 2021).
- ❖ Abhay Pandit, **Rakesh Kumar** "A Review on Production, Characterization and Application of Bacterial Cellulose and its Biocomposites" Journal of Polymers & the Environment (IF-3.667), DOI: 10.1007/s10924-021-02079-5, (Online, 20th Feb 2021).

#### **Dr. Krishna Prakash, Assistant Prof.**

##### **Books**

- ❖ Fundamentals of Gene Cloning, Sara Book Publication, And ISSN: 9789388672610

##### **Article in Journal**

- ❖ A rapid method for solubilization of chimeric human interferon regulatory factor-1 (IRF-1) protein in Escherichia coli Santosh Kumar Mishra 1, Ruchi Verma 1, Priyanka Kumari 1, Anjali Kumari 1, Krishna Prakash 2. Mol Biol Rep . 2021 Mar;48(3):2307-2314. doi: 10.1007/s11033-021-06260-w. E.pub 2021 Mar 15.

##### **Webinar / Conference / Workshop**

- ❖ Orally presented the paper "Ammonium chloride, Lithium chloride and Mannitol enhance the solubilisation chimeric human Interferon Regulatory Factor-1 protein in E.coli." at International conference on Advances in Biosciences & Biotechnology-2021 organised by Dept. of Biotech, Jaypee Institute of Information Technology, during January 29-31, 2021.

#### Department of Bioinformatics

#### **Dr. Asheesh Shanker, Associate Professor**

##### **Article in Journal**

- ❖ Priya P, **Shanker A** (2021) Coevolutionary forces shaping the fitness of SARS-CoV-2 spike glycoprotein against human receptor ACE2. Infection, Genetics & Evolution 87: 104646

##### **Webinar / Conference / Workshop**

- ❖ Delivered an invited lecture entitled "Bioinformatic Tools in Biological Sciences" in one week online workshop on "Research Methodology in Life Sciences" organized by Faculty of Life Sciences, M.D. University, Rohtak on April 5, 2021.



## Faculty Publications, Achievements, Activities, etc.

### Dr. Vijay Kr. Singh, Assistant Prof.

#### Book Chapter

- ❖ Kumar R., Ojha KK., Singh VK. (2021) Introduction to molecular modelling and structure prediction. Editor: Mani A and Varshney A. Book Title: Recent advances in computer added drug designing. Publisher: Nova Science Publisher. ISBN: 978-1-53619-739-6

#### Article in Journal

- ❖ Prasanna P, Kumar R, Singh VK, Upadhyay A. Cloning, purification, and homology modeling of Histone deacetylase in Leishmania donovani. Infect Genet E.vol. 2021 Jan 29;89:104738.

#### Research Grant

- ❖ Received an extramural grant from ICMR for project entitled "gene expression landscape inferred from expression data to search for diabetes effector molecule".

### Dept. of Environmental Sciences

### Prof. Pradhan P. Sarthi, Professor

#### Research Papers

- ❖ Amit Kumar, P Parth Sarthi, Amita Kumari, Ashutosh K Sinha "Observed Characteristics of Rainfall Indices and Outgoing Longwave Radiation over the Gangetic Plain of India, 2021, Pure and Applied Geophysics, ISSN: 0033-4553 (Print) 1420-9136 (Online), Impact Factor: 2.35
- ❖ Kumar P, Kumar N, Sarthi P.P., Feeling Solastalgia: A Study of effects of Changing climate in

Rural India, Asian Journal of Social Psychology, Jan 2021, Wiley, Print ISSN: 1367-2223 Online ISSN: 1467839X Impact Factor: 1.06, DOI: 10.1111/ajsp.12473.

- ❖ Archisman Barat, P. Parth Sarthi, Sunny Kumar, Praveen Kumar, Ashutosh K/ Sinha (2021) Surface Urban Heat Island (SUHI) over Riverside Cities along the Gangetic Plain of India", Pure and Applied Geophysics, Impact Factor 2.35
- ❖ Praveen Kumar and P. Parth Sarthi, Intraseasonal Variability of Indian Summer Monsoon in Coupled Model Intercomparison Project Phase 6 (CMIP6), Theoretical and Applied Climatology, Impact Factor 3.19
- ❖ Kumar, P., P. Sarthi, P. & Bhakuni, B., Meteorological association for prevalence dynamics of Acute Encephalitis Syndrome: A modeling study. Model.Earth Syst. Environ (2021). <https://doi.org/10.1007/s40808-021-01225-1>, Imp. factor: 2.8

#### Webinar / Conference / Workshop

- ❖ Participated as a Resource person in the Panel discussion on the topic "Disaster Management & Climate Change: Challenges of the future – Solution for Execution" (Community Engagement), organized by NIDM, New Delhi on April 27, 2021.
- ❖ Attended the Group Monitoring meeting of Programme Advisory Committee (PAC)-Earth & Atmospheric Sciences (E&AS), SERB, DST, New Delhi during 23-24, January 2021

### Other Activities / Achievements

- ❖ Virtually attended the workshop on "Indian Ocean Variability and Teleconnections", Italy during 15-17 March 2021
- ❖ Subject expert on the discussion on YAAS cyclone in Bay of Bengal, Zee News on 26th May, 2021

### Prof. Umesh Kr. Singh, Professor

#### Book Chapters

- ❖ Indrani Mukherjee, Umesh Kumar Singh, Rajeev Pratap Singh (2021) "An Overview on Heavy Metal Contamination of Water System and Sustainable Approach for Remediation" A. Singh et al. (eds.), Water Pollution and Management Practices, (ISBN: 978-981-15-8357-5), Springer, Singapore, [https://doi.org/10.1007/978-981-15-8358-2\\_11](https://doi.org/10.1007/978-981-15-8358-2_11) (pp 255-277).
- ❖ Anjali Bala, Pankaj Mehta, Umesh Kumar Singh (2021) "Water Pollution and Water Crisis" P.Bhusan et al.(eds.) Facets of Environmental Sciences (ISBN: 978-93-90674-05-3) (pp 30-62)

#### Article in Journal

- ❖ Indrani Mukherjee, Umesh Kumar Singh, (2021) "Characterization of groundwater nitrate exposure using Monte Carlo and Sobol Sensitivity approaches in the diverse aquifer systems of an agricultural semiarid region of Lower Ganga Basin India" Science of The Total Environment 787 (2021) 147657 (IF: 7.963)



## Faculty Publications, Achievements, Activities, etc.

### Webinar / Conference / Workshop

- ❖ As a Resource Person delivered a talk on Earth Day organized by Mohanlal Sukhadia University, Udaipur, Raj. on 22nd April, 2021.
- ❖ As a Resource Person delivered a talk on World Environment Day organized by CCS University, Meerut, U.P. on 5th June, 2021.

### Department of Geology

#### Dr. Dharendra Kr. Pandey, Professor

#### Research Papers

- ❖ Fürsich Franz T, Alberti Matthias, **Pandey Dharendra K.** 2021. Palaeoecological analysis of maximum flooding zones from the Tithonian (Upper Jurassic) of the Kachchh Basin, western India – Facies (Germany), 67(7): 2-27.
- ❖ Chaudhary Ravindra, Sharma Jitendra K., **Pandey Dharendra K.**, Bhosale Suraj A., Chaskar Ketan. 2021. Petrography and depositional environment of the Kimmeridgian sediments exposed along Jawahar Nagar river-section in the eastern part of the Kachchh Basin, western India. Indian Journal of Environmental Sciences. 25 (1): 35-43.
- ❖ Bhosale S., Chaskar K., **Pandey Dharendra Kumar**, Lakhote Abhishek, Thakkar Adarsh, Chauhan Gaurav, Bhandari Subhash and M.G. Thakkar 2021. Jurassic geodiversity & geomorphosite of Kanthkot area, Wagad, Kachchh, Western India, International Journal of Geoheritage and Parks, <https://doi.org/10.1016/j.ijgeop.2020.12.008>

### Webinar / Conference / Workshop

- ❖ Participated and delivered lecture as Keynote Speaker in a webinar organised by St. Xavier's College, Mumbai on the topic "Stratigraphy, Ammonite Biostratigraphy and palaeo-environments of the Jurassic rocks of the Jaisalmer Basin" on 5<sup>th</sup> February, 2021.

#### Dr. Prafull Kr. Singh, Associate Professor

#### Book

- ❖ V.N.Mishra P.K.Rai, **Prafull Singh** (2021) Geo-information Technology in Earth Resources Monitoring and Management. Earth Sciences, Earth Sciences in the 21st Century, Nova, Science and Technology, (U.S.A.) ISBN: 978-1-53619-796-9

#### Research Papers

- ❖ Ujjwal Sur and **Prafull Singh\***, P.K. Rai (2021) Landslide probability mapping by considering fuzzy numerical risk factor (FNRF) and landscape change for road corridor of Uttarakhand, India. DOI: 10.1007/s10668-021-01226-1. Environment, Development and Sustainability. Impact Factor: 3.219
- ❖ Anindita Sarkar Chaudhuri, **Prafull Singh\***, Pradipika Verma (2021) Computation of Groundwater Recharge prospect in urban environment for sustainable water security. 14:606, <https://doi.org/10.1007/s12517-021-06904> Arabian Journal of Geoscience. Impact Factor: 1.827

### Webinar / Conference / Workshop

- ❖ Attended the one day Symposium on "Valuing Water: Emerging Paradigm of Water Security" World Water Day organized by Amity University, Noida on March 22, 2021.
- ❖ Participated in the Hindi Vaigyanik Sangoshthi "Azadi Ka Amrit Mahaotsav" on the topic "भूस्खलन की संवेदनशीलता का मानचित्रण भू-स्थानिक और हाइड्रो-मौसम संबंधी डेटा का उपयोग" organized by Ministry of Earth Science, Govt. of India on 22 March, 2021.

### Department of Life Science

#### Dr. Ram Pratap Singh, Associate Professor

#### Research Papers

- ❖ Dey P, Sharma SK, Sarkar I, Ray SD, Pramod P, Kochiganti VHS, Quadros G, Rathor SS, Singh V, **Singh RP.** (2021). Complete mitogenome of endemic Plum-headed parakeet *Psittacula cyanocephala* – characterization and phylogenetic analysis. Plos One, 16(4): e0241098.
- ❖ Sarkar I, Rathor SS, **Singh RP** (2021). An interplay between compositional constraint and natural selection dictates the codon usage pattern among select Galliformes. BioSystems, 204: 104390.
- ❖ Sharma SK, Gurjarpadhye P, Manchi SS, **Singh RP** (2021). A cost-effective and modest test for sex identification in edible-nest swiftlet (*Aerodramus fuciphagus*). Conservation Genetics Resources 13: 119–121.



## Faculty Publications, Achievements, Activities, etc.

- ❖ Gurjarpadhye PH, Kawalkar D, **Singh RP**, Manchi SS.(2021). Stay or Shift - Does breeding success influences the decision in the cave-dwelling swiftlet? Journal of Ornithology,162:369-379
- ❖ Ray SD, Dey P, Islam N, Sharma SK, Pramod P, **Singh RP**. (2021). Comparative study of yellow-billed babbler (*Turdoides affinis*) feathers reveals uniformity in their microstructures among individuals. Journal of Experimental Biology and Agricultural Sciences 9, 51-64.

### Webinar / Conference / Workshop

- ❖ Attended the webinar on the topic "Using Mathematic Models to Understand Epidemics" organized by Mizoram University on 19th May 2021.
- ❖ Attended XXIX Annual Conference on "Recent approaches to escalate livestock productivity under current social-economic scenario" organized by Bihar Animal Science University, Patna during 25-26th Feb, 2021.

### Awards or Recognition

- ❖ Expert committee member of UNEP for developing a 'policy framework for strengthening biosecurity systems in India'.

### Research Grant

- ❖ Received a Core Research Grant of Rs. 48 Lakhs from Science and Engineering Research Board (SERB), New Delhi to conduct research on behaviour and physiology of Yellow billed-babbler.

### Dr. Manoj Panchal, Assistant Prof.

#### Research Papers

- ❖ Girish Chandra, Samridhi Patel, **Manoj Panchal** and Durg Vijay Singh. S-adenosyl-L-homocysteine Hydrolase: Its Inhibitory Activity Against Plasmodium falciparum and Development of Malaria Drugs. Mini-Reviews in Medicinal Chemistry, 2021, 21, 833-846.

### Dr. Naveen Kr. Singh, Asst. Prof.

#### Book Chapter

- ❖ Gautam, R., Meena, R. K., Rohela, G. K., **Singh, N. K.**, & Shukla, P. (2021). Harnessing the Potential of Modern Omics Tools in Plant Tissue Culture. In Omics Technologies for Sustainable Agriculture and Global Food Security Volume 1 (pp. 125-148). Springer, Singapore.

### Dr. Sanjay Kumar, Assistant Prof.

#### Research Papers

- ❖ **Sanjay Kumar**, Paul B. Tchounwou. Arsenic trioxide reduces the expression of E2F1, cyclin E, and phosphorylation of PI3K signaling molecules in acute leukemia cells. Environmental Toxicology 2021; 1-8 , DOI: 10.1002/tox.23299. <https://doi.org/10.1002/tox.23299>
- ❖ Paul B. Tchounwou, Shaloom Dasari, Felicite Noubissi, Paresh Ray, **Sanjay Kumar**. Advances in our understanding of the molecular mechanisms of action of cisplatin in cancer therapy. J. Experimental Pharmacol. 13

(2021), 303-328, doi: 10.2147/JEP.S267383.

### Webinar / Conference / Workshop

- ❖ As the Keynote Speaker delivered the talk the topic "COVID & Mucromycosis: partners in crime" in the First International Online Conference on "Post COVID-19 associated Black and White Fungal Infections" organised by Dept. of Biosciences of Manipal University, Jaipur on 14th June, 2021.

### Awards or Recognition

- ❖ Publications and citation Index is selected in World Scientist and University Rankings 2021 - AD Scientific Index 2021.

### Activities of the Department

- ❖ Dept. of Life Science organized a webinar on "The Unexpected Aspects in Pipettes and Consumables" in collaboration with Eppendorf Indian Pvt. Ltd. on 17<sup>th</sup> February 2021.
- ❖ Department of Life Science organized a webinar on "An Introduction to Birds and Bird Watching" in collaboration with Bombay Natural History Society, Mumbai on 17 February 2021.





## Faculty Publications, Achievements, Activities, etc.

### School of Education

#### Dept. of Teacher Education

**Dr. Kishor Kumar, Assistant Prof.**

#### Research Papers

- ❖ **Kumar, K. & Kumar, R.** (2020). A study of epistemological beliefs of mathematics teachers of secondary schools towards mathematics. Shodh Sanchar Bulletin, 10(39), 178-184.

#### Dept. of Physical Education

**Dr. Usha Tiwari, Associate Prof.**

#### Research Papers

- ❖ **B.G.Peter, U.Tiwari** Published paper in PARIPEX-Indian journal of research The health Care consumers: Satisfied or Happy -A Review researchVol-10, Issue 6DOI: 10.36106/paripex, Print ISSN:2250-1991,Page 45-47
- ❖ **U.Tiwari, D. Tiwari & Mr. Arvind** Published Paper in Vidyabharti International Interdisciplinary Research Journal "Comparison of Socio- Economic Status and Personality Traits of Players & Non-Players of Law Education" Pg.76-78,ISSN2319-4947Apr 2021
- ❖ **Mr. A. Anand, P.Bharti. U Tiwari** Published Paper in International Journal of Trends in Research and Development Topic: "A Review on Practices to Improve Memory and Concentration" Volume 8 (3) May -June 2021, ISSN: 2394-9333.
- ❖ **B.G.Peter,U.Tiwari** Published paper in Indexed International Journal of applied research : The BP Happiness Scale Reliability and Validity. Vol-2, Issue-5, ISSN:2249-555X, May 2021

- ❖ **U.Tiwari, R.Singh, D. Tiwari** Published Paper in Vidyabharti International Interdisciplinary Research Journal (VIIRJ) Topic "Effect of Parents Education and their Daughters Health". ISSN:2319-4947,18-21, April 2021
- ❖ **B.G.Peter, U.Tiwari, W.AI Faisal** Dr. D. Tiwari Paper in Vidyabharti International Interdisciplinary Research Journal "Using the delph method to develop the B.P. Happiness Scale for the health care consumers" ISSN:2319-4947,284-292, April 2021

#### Webinar / Conference / Workshop

- ❖ Participated as the chief guest and Expert speaker in the webinar on "Stress: Gift of modern life" organized by VIT Bhopal during International Yoga Day 21<sup>st</sup> June 2021.
- ❖ Delivered a talk as the Keynote speaker in a national webinar on "Sports Management Mantras: Insights From Bharatiya Shastra" organized by OPJS University, Churu on 26<sup>th</sup> May 2021.
- ❖ Delivered a talk as the Keynote speaker on "Cheerleading Male sports to female side sports" at International Virtual Conference on Physical Education and Sports Sciences organized by Manipal University, March 30-31, 2021.
- ❖ Participated in the 4<sup>th</sup> International and 31<sup>st</sup> National conference on "Sports psychology serving athletes and coaches" Jointly organized by Indira Gandhi Institute of Physical Education and Sports Sciences, Delhi University and Sports Psychology Association of India (SPAI) during 09-12 March, 2021

**Mr. Mesanguto Meru, Asst. Prof.**

#### Research Paper

- ❖ **Mesanguto Meru, Sumanta Kumar Mondal,** Mechanical analysis of instep kick of preferred and non-preferred leg in relation to distance of the kick, International Journal of Physiology, Nutrition and Physical Education ISSN: 2456-0057, volume 6, Issue 1 Page number 331-332, Year 2021.

### School of Languages & Literature

#### हिंदी विभाग

**डॉ. कर्मानन्द आर्य, सहायक प्राध्यापक**

#### पुस्तक अध्याय

- ❖ आर्य कर्मानन्द, राजकुमार गीत : प्रकृति के वैभव का कवि, कसौटी पर कवितायें (25 कवि/25 आलोचक), सम्पादक : नीलोत्पल रमेश, रुद्रादित्य प्रकाशन, प्रयागराज ISBN : 978-81-95165-33-9

#### शोध पत्र

- ❖ कर्मानन्द आर्य, मलखान सिंह: रुधिर के तापमान के कवि, सबाल्टर्न पत्रिका, त्रैमासिक, किदवईपुर, पटना, अंक 5, मई 2021, पृष्ठ : 71-73
- ❖ कर्मानन्द आर्य, साहित्येतिहास में जातिवाद बनाम अम्बेडकर का चिंतन, गाँव के लोग पत्रिका, द्वैमासिक, शिवपुर, वाराणसी, वर्ष-5, अंक-24, पृष्ठ 118-126

#### वेबिनार / सम्मेलन / कार्यशाला

- ❖ 28 जनवरी 2021 को दलित लेखक संघ, नई दिल्ली द्वारा आयोजित विशेष कार्यक्रम (ऑनलाइन) में कविता पाठ एवं वक्तव्य



## Faculty Publications, Achievements, Activities, etc.

### School of Law & Governance

#### Department of Law

**Dr. Digvijay Singh, Assistant Prof.**

#### Article in Journal

- ❖ Published a paper entitled "Contour of Benefit-Sharing in India: The Headway in Divya Pharmacy Case and After" in 50(1) The Banaras Law Journal, 2021.

#### Webinar / Conference / Workshop

- ❖ Delivered an online talk on the topic "Intellectual Property Rights, Copyright and Conflict of Interests" in the Online Training Programme on Research and Publication Ethics, organised by Dept. of Teacher Education, CUSB under PMMMNMTT Scheme of Ministry of Education, Govt. on 21<sup>st</sup> March, 2021.

#### Training / Orientation Programme

- ❖ Participated in AICTE Approved online short time course on "Biotechnology and Intellectual Property Rights" organised by Rajiv Gandhi School of Intellectual Property Laws, IIT Kharagpur during 14 - 19 January, 2021.
- ❖ Participated in the WIPO-INDIA Training Programme on Intellectual Property (Online), jointly organised by Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur, National Law University Nagpur and World Intellectual Property Organisation, Geneva during 08 - 19 February 2021.

### School of Mathematics, Statistics & Computer Science

#### Department of Mathematics

**Dr. Rajesh P. Singh, Assistant Prof.**

#### Article in Journals

- ❖ **Rajesh P. Singh**, "A Method for Generating Permutation Polynomials Modulo  $p^n$ ", INTEGERS: Electronic Journal of Combinatorial Number theory, #A3, 21 (2021).
- ❖ **Mritunjay Kumar Singh, Rajesh P. Singh**, "A New Class of Planar Function", Journal of Huazhong University of Science and Technology, 50 (4) (2021). (Impact Factor: 6.2)

#### Training / Orientation Programme

- ❖ Attended an eight-week online faculty development course titled "Introduction to Galois Theory" organized by IIT Madras under the NPTEL-SWAYAM portal of Govt. of India and obtained a consolidated score of 96%.

### Department of Statistics

**Dr. Richa Vatsa, Assistant Professor**

#### Book Chapters

- ❖ Co-authored article titled, "Understanding uncertainty in real life scenarios through the concepts of probability and Bayesian statistics" in a book chapter of the LISA 2020 Edited Volume Book on "Developing Statistical Practice in Developing Countries" to be published by Chapman and Hall (A Subsidiary of Taylor and Francis) before December 2021. (Accepted)

- ❖ Co-authored article with Prof. Arun K. Sinha titled "Control Charts and Capability Analysis for Process Control" in a book chapter of the LISA 2020 Edited Volume Book on "Developing Statistical Practice in Developing Countries" to be published by Chapman and Hall (A Subsidiary of Taylor and Francis) before December 2021. (Accepted)

#### Article in Journal

- ❖ Spatial distribution of various forms of malnutrition among reproductive age women in Nepal: A Bayesian geospatial quantile regression approach March 2021, SSM - Population Health 14(2):100781, DOI: 10.1016/j.ssmph.2021.100781

#### Webinar / Conference / Workshop

- ❖ Presented "Understanding Uncertainty in Real Life Scenarios through the Concepts of Bayes' Theorem and Bayesian Statistics" at a plenary session "Statistical Literacy Across Disciplines" organized on 20th Jan 2021 by Dr. Richa Vatsa and chaired by Dr. Olawale Awe at the 3rd LISA 2020 Symposium titled, "Connecting to Build Capacity to Transform Evidence into Action & Celebrate the International Year of Women in Statistics and Data Science" (October 2020 – May 2021).
- ❖ Virtually presented a contributory talk on the topic "Analysing Effect of WASH Practices on Acute Respiratory Infections and Diarrhea among Under-Five Children of India: a Bayesian Structured Additive Regression





## Faculty Publications, Achievements, Activities, etc.

modelling" on 29th June at 2021 World Meeting of the International Society for Bayesian Analysis, held during 28th June to 2nd July 2021.

### Training / Orientation Programme

- ❖ Completed two-week Refresher course in "Mathematics" organized by "Department of Mathematics, Ramanujan College" during 16-30 March 2021 and obtained Grade A+.

### Dr. Kamlesh Kumar, Assistant Prof.

#### Article in Journals

- ❖ **Kamlesh Kumar & Sunit Kumar.** Chain type estimators for population mean using the information on auxiliary variable and auxiliary attribute in sample surveys. International Journal of Statistics and Reliability (UGC Care Journal), 8(1), 101-104, 7 June, 2021.

### Training / Orientation Programme

- ❖ Attended an online 3rd Faculty Induction Programme organized by Ranchi University, Ranchi during 01-28 February, 2021.

### Dr. Sandeep Kr. Maurya, Asst. Prof.

#### Article in Journals

- ❖ **Maurya, S. K., Singh, S. K., & Singh, U.** (2021). A New Right-Skewed Upside Down Bathtub Shaped Heavy-tailed Distribution and its Applications. Journal of Modern Applied Statistical Methods, 19(1), 4. (Scopus index journal)
- ❖ **Maurya, S. K., Yadav, A. S., Singh, S. K., & Singh, U.** (2021). A new flexible logarithmic transform heavy-tailed

distribution and its applications. Journal of Statistics and Management Systems, 1-35 doi.org/10.1080/09720510.2020.1800227 (Scopus index journal)

- ❖ **Maurya, S. K.,** (2021). One parameter bathtub model and its real life application. Journal of Scientific Research, 65(3). (UGC index journal)

### Training / Orientation Programme

- ❖ Successfully completed a 4-Week Induction / Orientation Program under PMMMNMTT scheme, Organised by Teaching Learning Centre, Ramanujan College, DU, during 11 Jan - 09 February, 2021.

## School of Physical and Chemical Sciences

### Department of Physics

#### Prof. Venktesh Singh

#### Research Papers

- ❖ Characteristics of the grey particles emission at relativistic energy, S. Kumar, M. K. Singh, **Venktesh Singh**, R. K. Jain, European Physical Journal Plus 136(1), 115 (2021)
- ❖ Medium-effects of charged particles in Xe + Xe collisions at  $\sqrt{s_{NN}} = 5.44$  TeV using modified Tsallis distribution, Pramod Kumar, P. K. Khandai, Kapil Saraswat, **Venktesh Singh**, International Journal of Modern Physics A 36(7), 150059 (2021)
- ❖ Neutrino Charge in a Magnetized Media, Avijit K. Ganguly, **Venktesh Singh**, D. Singh, Ankur Chaudhary, Galaxies 9(2), 22 (2021)
- ❖ Multiplicity characteristics of target fragments and shower particles with noninteracting

projectile nucleons emitted in  $84\text{Kr}-\text{Em}$  interaction at 1 A GeV, M. K. Singh, S. Karmakar, **Venktesh Singh**, European Physical Journal Plus 136, 419 (2021)

- ❖ Studies of quantum-mechanical coherency effects in neutrino-nucleus elastic scattering, V. Sharma, L. Singh, H. T. Wong, M. Agartoglu, J.-W. Chen, M. Deniz, S. Kerman, H. B. Li, C.-P. Liu, K. Saraswat, M. K. Singh, and **V. Singh**, Phys. Rev. D 103, 092002 (2021)

### Awards or Recognition

- ❖ RG Score: 46.98h-Index: 75h-Index: 71 (excluding self-citations) Total Citations: 21498

## School of Social Sciences and Policy

### Dept. of Development Studies

#### Prof. Krishnan Chalil, Professor

#### Articles in Journals

- ❖ **Krishnan Chalil** (2021), "Financing Higher Education through Education Loan in India: Current Status, Challenges and Future Prospects, Orissa Journal of Commerce, 42(1), Jan-March, Pp.116-131
- ❖ **Krishnan, C** (2021) "Financing of State Universities in India: A Case Study", Issues and Ideas in Education, 9(01), 1-13.
- ❖ **Nasiya, V.K and Krishnan, C,** (2021), "Determinants of Educational Expenditure among Scheduled Caste Families in Mannarkkad Taluk, Kerala", International Journal of Advanced Research, 9(01), 275-82, DOI:10.21474/IJAR01/12303.



## Faculty Publications, Achievements, Activities, etc.

### Chapter in Books

- ❖ Agrawal, Divya, Abhishek Parikh and **Krishnan Chalil** (2021) "Technology Adoption & Students' Satisfaction in Online Learning: A Study of INDIAN Experience During the Time of COVID-19", in Satyajit Chakrabarti et.al (Ed), 'Interdisciplinary Research in Technology and Management', CRC Press, Taylor & Francis Group, Abingdon, Oxon, Pp. 438-443, ISBN:978-1-003-20224-0-ebk
- ❖ **Krishnan Chalil** (2021), 'Planning and Management for Excellence in Distance Higher Education: A Study in Kerala', in Ajay Kumar et.al (Ed), "Quality Models in Open & Distance Learning", Bodhi Tree Books, Trivandrum, Pp.09-22

### Webinar / Conference / Workshop

- ❖ Participated in the "Online Comprehensive Discussion and Analysis of the Draft National Youth Policy 2021 with Stakeholders", organised by the Rajiv Gandhi National Institute of Youth Development, Tamil Nadu, 05<sup>th</sup> April 2021.
- ❖ Delivered Inaugural Address in the one day national webinar on "Economics of Election" jointly organized by The Economics Departments of St Joseph's College, Autonomous Irinjalakuda and Sacred Heart College Chalakudy, Kerala on 27<sup>th</sup> March 2021.
- ❖ Presented paper titled, "Role of Kudumbashree Micro Enterprises in Women Entrepreneurship", in the one-day International Seminar on 'Role of Women Entrepreneurship in the making

of New India: Opportunities and Challenges", organised by Department of Economics, A. N. D. College Shahpur Patory, Samastipur, Bihar on 17<sup>th</sup> March 2021.

- ❖ Given Presidential Address in the Valedictory session of the "First CUSB National Online Conference on Women Empowerment and Role of Legal Services Authority" organised by the Legal Aid Clinic, School of Law and Governance, CUSB during 07-08, March 2021.
- ❖ Presented a paper titled, "Technology Adoption and Students' Satisfaction in Online Learning: A Study of Indian Experience During the Time of COVID-19", in the International Conference on 'Interdisciplinary Research in Technology and Management', supported by Taylor and Francis during 26-28 February 2021 in Kolkata.
- ❖ Participated and presented a paper titled, "Is Bihar Resilient to the Shock of Reverse Migration", in the National Seminar on "Impact of Reverse Migration on the Economy of Bihar", organised by the Dept. of Economics, Lalit Narayan Mithila University, Darbhanga on 06<sup>th</sup> Feb, 2021.

### Training / Orientation Programme

- ❖ MOOCs Course on Introduction to Statistical Analysis, offered jointly by the Commonwealth Educational Media Centre for Asia (CEMCA) and Kalinga Institute of Social Science from 01 May to 10 June 2021.
- ❖ Orientation Training Programme for Mentors of Higher Educational Institutions

organised by NITTTR, Kolkata from 27 January - 04 February, 2021.

- ❖ Attended one-week online Research methodology workshop organised by Shri Vaishnav Vidya Peeth Viswavidyalaya, Indore during January 18-23, 2021.
- ### Research Projects Completed
- ❖ Role of Financial Institutions in Human Capital Development: Is Education Loan an alternative source of financing higher education in India? Submitted to the Inter University Centre for alternative Economics, Dept. of Economics, University of Kerala.

### Other Activities / Achievements

- ❖ Successfully guided the Ph.D. Thesis, Role of Commercial Banks in Housing Finance: A Study with special reference to Kerala (Prabitha. P.K), Kannur University, March 2021.
- ❖ Successfully guided the Ph.D. Thesis, Institutional Credit Flow to Agriculture in India: An Inter-Regional and Inter Temporal Analysis", (Biju Joseph), Kannur University, February 2021.
- ❖ Acted as Chairman of the Ph.D Open Defence and Viva-Voce, "Domestic Workers in Urban Agglomeration of Kerala: Gender Vulnerabilities, Poverty and Migration", Mahatma Gandhi University, Kottayam, Kerala, 24 February 2021.
- ❖ Acted as Chairman of the Ph.D Open Defence and Viva-Voce, "Financial Inclusion of Scheduled Tribes: A Study of Idukki District in Kerala", Mahatma Gandhi University, Kottayam, Kerala, 15 January 2021.



## Faculty Publications, Achievements, Activities, etc.

**Dr. Anju Helen Bara, Asst. Professor**

### Articles in Journals

- ❖ **Anju Helen Bara**, 2021, 'Tribal Women and their tryst with land- A study of laws of inheritance and customary practices among the Oraon tribe in Jharkhand', Vol. 9, Issue , June, 2021, Tribal Studies- A Journal of Council of Analytical Tribal studies (COATS), [UGC Care list journal]

### Webinar / Conference / Workshop

- ❖ Presented a paper entitled 'Forest Governance and Micro-politics of Plantation in Odisha, India', at the BASAS Annual Conference, University of Edinburgh, 20-23 April, 2021.
- ❖ Presented a paper with Adrija titled, "Didis from SHGs in rural Bihar: Flag-bearers of Development or Carrying the Burden of Development", co-author Adrija, at the National Seminar on Skill, Entrepreneurship & Development, organized by CUSB on 13th March 2021.
- ❖ Presented a paper with Sonu Prasad, 2021 titled, 'The Status of Health Services and Education during COVID – 19 Pandemic: A Preliminary Observation from Gaya district, Bihar', at the International Conference on Post Covid Challenges and Rural Development in South Asia during 17th- 19th March 2021.
- ❖ Presented a paper titled 'Migration, Development and India's Policy Towards its Immediate Neighbors' at the International Conference by NIICE, held on 7th of February

**Mr. Aditya Mohanty, Asst. Prof.**

### Article in Journals

- ❖ Published a paper titled 'Is Sanskritization the chronotope of change in Indian Society?' in the journal IASSI Quarterly: Contributions to Indian Social Science, Vol. 40, Issue No. 21, January -March 2021, (Print ISSN 0970-906, e-ISSN 0974-018X), H Index 1

### Training / Orientation Programme

- ❖ Invited as a Discussant in the Webinar organized by Dr. Binitha V Thampi, Associate Professor, IIT Madras, on the topic 'Critical evaluation of gender mainstreaming efforts by the state' organized by Impact and Policy Research Institute (IMPRI), New Delhi on May 18, 2021
- ❖ Participated in the two-day Workshop on the topic "Critical Organization Studies", jointly organized by Indian Institute of Management (IIM) Kolkata and Alliance University, Bengaluru during 07 - 08 May 2021.
- ❖ Conducted two-day National Webinar on the theme 'Skill, Entrepreneurship and Development' during 12-13 March 2021. The Presidential Address was delivered by Prof Vidyanand Jha, Head, Centre for Entrepreneurship and Innovation, Indian Institute of Management (IIM) Kolkata. The Webinar had over 20 paper presentations and four Plenaries attended by around 80 participants from different parts of the country. Q & A session was also part of the webinar.

**Dept. of Sociological Studies**

**Dr. Anil Kr. Singh Jha, Associate Prof.**

### Webinar / Conference / Workshop

- ❖ Delivered an Invited Lecture on "Importance of Gender Sensitization in Higher Education" as a Resource Person in Online Faculty Induction Programme (Feb 02 – March 03, 2021), UGC-HRDC, DDU Gorakhpur University on February 06, 2021.
- ❖ Delivered an Invited Lecture on "Gender Equality and COVID -19: Contemporary Issues and Challenges" as a Resource Person in Expert Lecture Series on "Women in Leadership: Achieving an Equal Future in Covid-19 World" (March 06-08, 2021), organized by ICC/Women Cell, NIT, Uttarakhand, Srinagar (Garhwal) on March 06, 2021.
- ❖ Delivered an Invited Lecture on "Qualitative Methods (Phenomenology and Ethnomethodology) in Social Science Research" as a Resource Person in Online Refresher Courses in Computational Social Sciences (MD), (March 15-27, 2021), UGC-HRDC, University of Lucknow on March 20, 2021.
- ❖ Participated as a Panelist in the session "Media as Watch Dog of the Human Rights in Globalized World" in virtual IV ISA Forum of Sociology organized by International Sociological Association (ISA), Spain on the theme "Challenges of the 21st Century: Democracy, Environment, Inequalities,





## Faculty Publications, Achievements, Activities, etc.

Intersectionality" during February 23-27, 2021 in Porto Alegre, Brazil (on February 25, 2021).

- ❖ Presented a paper entitled "Human Rights and Inhuman Wrongs: Affliction of Women in India" in the session Social Inequality, Social Justice and Affirmative Action Policy in 21st Century in India and another paper entitled "The Antinomies of Gender Equality in India" in the session: Political, Economic and Social Inequality in Developing Countries in virtual IV ISA Forum of Sociology organized by International Sociological Association (ISA), Spain on the theme "Challenges of the 21st Century: Democracy, Environment, Inequalities, Intersectionality" during February 23-27, 2021 in Porto Alegre, Brazil.

**Dr. Jitendra Ram, Assistant Prof.**

### Webinar / Conference / Workshop

- ❖ Delivered a lecture as a Resource Person on the topic "New Education Policy 2020" at Adarsh Arts and Commerce College, Desaijanj, Di-Gadechiroli, Maharashtra on 20<sup>th</sup> February, 2021.

**Dr. Haresh N. Pandey, Asst. Prof.**

### Article in Journal

- ❖ **Pandey, Haresh Narayan**, Society, Education and Need for Its Alternative, Sambodhi, Vol 44, No 1, January-March, 2021, Pp 71-73.

### Other Activities / Achievements

- ❖ External Expert for One Dissertation titled, Divyang and Modi Sarkar: Ek Vevechnatmak Adhyayan, CSSEIP, FSS, BHU, Varanasi, and Conducted Viva-Voce in June, 2021.

**Dr. Parijat Pradhan, Assistant Prof.**

### Publication

- ❖ Paper published in Scopus Indexed Journal named Psychology and Education under the title Filling The Unjust Cracks: A Critical View of Social Justice VOL. 58, NO. 4 (2021).

### Webinar / Conference / Workshop

- ❖ Paper presented in an International Conference on the topic "Emerging Socio-Cultural and Political Issues : India and Europe" under the aegis of Amity Institute of Social Sciences, Amity University, Noida with joint collaboration of JNU Jean Monnet Module, Centre for European Studies, School of International Studies, JNU, New Delhi with paper named Exploring rifts in Labour Situation of India: A Case Study of Migrant Labourers on 24<sup>th</sup> May, 2021.

## University Central Library

**Dr. Mayank Yuvaraj, Assistant Librarian**

### Articles in Journals

- ❖ Khan, D., Arjmandi, M.K. and **Yuvaraj, M.** (2021) Most cited works on cloud computing: the 'citation classics' as viewed through Dimensions.ai, Science

and Technology Libraries (Taylor and Francis), 40(3).

- ❖ **Yuvaraj, M.** (2021) Libraries and COVID-19 crisis: research gaps, Asia Pacific Journal of Public Health (Sage, Impact Factor 1.399), 33(4), 460. (Letters to the Editor)

### Webinar / Conference / Workshop

- ❖ Key speaker, "Smart Tools for Smart Researchers I and II" in the Online training programme on Research and Publication Ethics organized by School of Education of CUSB, during March 20-21, 2021.
- ❖ Invited speaker, "Post COVID-19 and the future of library services" in 2021 Korean Library and Information Science Society's International Conference organized by Korean Library and Information Science Society, Korea, during May 21-22, 2021.
- ❖ Acted as a Resource person, "Smart Tools for Smart Researchers" at Nehru Gram Bharati University, India on June 2, 2021.
- ❖ Invited speaker, "Smart Searching and Review Tools for Researchers" in the Virtual Workshop on Essential skills for professionals organized by Librarian guide YouTube channel on June 12, 2021.

### Training / Orientation Programme

- ❖ Participated in One-Week Faculty Development Programme on Open Source Tools for Research, organised by Teaching Learning Centre, Ramanujan College, University of Delhi during April 3-9, 2021

## Students' Achievements / Placements / Outreach Programmes, etc.

### CUSB student Manish cracks 64th BPSC with 221 Rank



Manish Kumar, a student of MA Political Science & International Relations (2019-21 batch) of CUSB cracked the Bihar Public Service Commission (BPSC) 64th Combined Competitive Examination, the results of which were announced on 06th June, 2021. A meritorious student of Dept. of Political Studies of Central University of South Bihar (CUSB), Manish secured the post of Revenue Officer with 221 (General Rank). Ironically, this was the 1st attempt of Manish in BPSC Exam.

### Placement of students of Dept. of Teacher Education



Three students of Dept. of Teacher Education namely Ms. Aparna Kumari, Mr. Pranav Kumar and Mr. Mukesh Kumar got placement as PGT & TGT at Gyan Deep Public School, Buxar in Bihar. Besides, two students of Dept. of Teacher Education of CUSB got placement as Assistant Teacher in Amaltas College of Education, Dehri-on-Sone.

Ms. Juhi Roy was selected as English teacher, while Mr. Jagmohan Choudhary hired for Pedagogy of English by the institution. The students were placed after the placement drive conducted with efforts of department's 'Alumni cum Placement Cell' Co-ordinator Dr. Tarun Kr. Tyagi under supervision of Dean & Head Prof. Kaushal Kishore.

### CUSB NCC Cadet Kritika honoured by Governor of Bihar



CUSB NCC Cadet Kritika Singh was honoured by Governor of Bihar Mr. Fagu Chauhan on February 3, 2021 in the at-home program of the cadets who returned from the Republic Day Parade Camp at Raj Bhavan in Patna. A student of B.A. B.Ed. (5<sup>th</sup> Semester), Kritika was awarded as the best Senior Wing Gaya Group for her outstanding performance in the Republic Day Camp under guidance of CUSB ANO Dr. Pragya Gupta.

### CUSB Law student bagged RIO+25 UN Short Term Programme

Prasenjeet Kumar, a 2nd-year law student of School of Law & Governance of CUSB secured A+ National winner by Center of Excellence for UN Global Goals, IARF, Mumbai. He bagged National Winner at RIO+25 UN Water International Short Term Program.

This program was conducted by CUSB in the mentorship of Poonam Kumari, Assistant Professor cum faculty coordinator of this program.



A total of 68 students from the different institutions of the country took part in this course.

### CUSB Law students secured 2<sup>nd</sup> Place in Moot Court Competition

A team of students from Law department of CUSB secured second placed in the 5<sup>th</sup> National Moot Court Competition organized by Law College, Dehradun during May 01-02, 2021. CUSB team was given a certificate as well as prize money of Rs 15,000 by the organizers.



The competition was organized through Google Meet in four sessions and CUSB team made to the final round, which was presided over by Hon'ble Mr. Justice KG Balakrishnan, Former Chief Justice of India.



## Students' Achievements / Placements / Outreach Programmes, etc.

### CUSB students Runner Up in National Memorandum Drafting Competition



A team of students of School of Law CUSB remained runner up in the National Memorandum Drafting Competition, 2021, organised by St. Joseph's College of Law, Bangalore University and Law Essentials on 10<sup>th</sup> May, 2021. Akash Kumar and Kishabh Prakash, 3rd year Law students of CUSB participated in the competition. Total 63 teams participated in the competition, out of which 5 participating teams were from abroad. CUSB team beat the country's premier law institutions' teams won Rs. 3000 as cash prize with certificate.

### CUSB Law students 2nd Runner Up in International Moot Court Competition



A team of Law students of CUSB remained second Runner up in the 3rd Smt. Nirmala Devi Bam Memorial International Online Moot Court Competition by Indore Institute of Law during May 28-30, 2021. The participating team comprised of B.A. LL.B third year students namely, Rahul Kumar (Speaker 1), Aashish Ranjan (Speaker 2) and Kishan Kumar (Researcher). The winning team was given Rs. 7000 as prize money along with the certificate by the organizer.

### सीयूसबी के शोधार्थी की कविता को गोल्डन बुक ऑफ वर्ल्ड रिकॉर्ड में जगह मिली

सीयूसबी के हिंदी विभाग से शोध कर रहे रुद्र चरण माझी की कविता ने ओडिशा के गोल्डन बुक ऑफ वर्ल्ड रिकॉर्ड में जगह बनाई। रुद्र चरण माझी ने 131 अर्जुन पुरस्कार खिलाड़ियों पर हो रहे अंतराष्ट्रीय काव्य संकलन के अवसर पर "गोल्डन बुक ऑफ वर्ल्ड रिकॉर्ड" में ओडिशा के महान हॉकी खिलाड़ी "इग्नेश तर्की" के ऊपर शोध करते हुए अपना शोधार्थक काव्य भेजे थे। इस काव्य को "गोल्डन बुक ऑफ वर्ल्ड रिकॉर्ड" के सदस्य ने CLAIM ID-GBWR/ASIA/21/IN/0323 चयन किया और संस्था ने उन्हें प्रमाणपत्र देकर सम्मानित किया।

### Awareness Programme on 'Sukanya Samridhi Yojana' 29th Jan, 2021

The Dept. of Commerce of CUSB conducted a Community Awareness Programme at Dharamshala village, adjacent to the University campus. The objective of the program was to spread awareness about the Sukanya Samridhi Yojana. The visiting team comprised of Prof. Brajesh Kumar, Dean & Head, Dept. of Commerce, faculty members and researchers.



Prof. Brajesh Kumar laid special emphasis on the educational and economic development related to the future of the girl child. Dr. Pawas Kumar told that by saving small amounts by reducing unnecessary expenses huge balance may be made, while Dr. Pradeep Ram shared detailed information about Yojana.

### Awareness program on 'Anemia and Breast Cancer' 06<sup>th</sup> March, 2021



An awareness program on Anemia and Breast cancer was organized at Dharmshala village under the guidance of DSW Prof. Atish Parasar and Dean of SPCS, Prof. Venktesh Singh. The Gram-pradhan with villagers gathered to interact with the University team. The women were informed and made aware regarding the health issues associated with breast cancer as well as anemia. The research scholars from CUSB also surveyed the families of the villagers regarding the educational status of the youth and the suggested the ways to improve their condition.







# *Glimpses*



Prof. K. N. Singh assumes charge as the Vice-Chancellor of CUSB on 26<sup>th</sup> July, 2021



Inauguration of MOOCs Studio on 20.02.2021



Inauguration of Fully Automated Library on 02.02.2021

## Central University of South Bihar

SH No. 7, Gaya - Panchanpur Road, P.O. – Fatehpur, Gaya, 824236 – Bihar, 0612-2229523