

Memorable Moment



From left to right: Prof. Yashwant Singh (Registrar, CU Jammu), Prof. Tankseshwar Kumar (Vice Chancellor, CU Haryana), Prof. Anand Bhalerao (Vice-Chancellor, CU Rajasthan), Prof. Raghavendra P. Tiwari (Vice-Chancellor, CU Punjab), Prof. Rajeev Ahuja (Director, IIT Ropar), and Prof. S. P. Bansal (Vice-Chancellor, CU Himachal Pradesh), showcasing the MoU for the establishment of CHEINI after signing the detailed agreement (Page 13-15)

Highlights of this Edition

- 133 Students shines in NET/JRF Examinations Pg. 6-7
- CU Punjab secures prestigious PURSE & i-TBI Grants Pg. 7-8
- Eleven faculty members featured in 'Stanford's top International Scientist List 2023' Pg. 8-9
- CU Punjab, JNU, and CUAP Collaborate for Academic Excellence and Research Advancement Pg. 11-12
- Central University of Punjab Extends a Warm Welcome to New Students through Two-Day Induction Programme 2023-24 Pg. 18
- Central University of Punjab organized 12th Two Days Mega Book Exhibition Pg. 22
- Capacity Building Workshop for E-Content/MOOCs Development held at CU Punjab Pg. 30-31

Special Feature

Articles authored by Hon'ble Vice-Chancellor



1) **Positive student-teacher relationship conducive to wholesome learning**

Page 3-4

2) **जी-20 घोषणा पत्र भारत की बढ़ती वैश्विक भूमिका का द्योतक**

Page 5-6

Our Mentors



Smt. Droupadi Murmu
Hon'ble President of India
and Visitor of CU Punjab



Prof. Jagbir Singh
Hon'ble Chancellor
CU Punjab

In this Edition

Contents	Page No.
Invited Articles	3-6
Accomplishments, MoU signed and Major Events	6-22
Meri Maati Mera Desh Activities	23-25
Workshops, Conferences, and Invited Lectures	25-42
Swachhata Pakhwada 2023	42-44
Hindi and Punjabi Section	45-50
NSS, IQAC and IIC Activities	50-53
University Publication and Grants Sanctioned	54-62
Community Connect Activities and other events	62-64

Newsletter Committee

Chief Patron:

Prof. Raghavendra P. Tiwari
Vice-Chancellor
Central University of Punjab

Newsletter Committee

Prof. Monisha Dhiman (Chairperson)

Dr. Vipin Pal Singh

Dr. Amandeep Brar

Dr. Dinesh Babu P.

Dr. Rubal Kanozia

Dr. Paramveer Singh

Dr. Deepak Pandey

Mr. Robin Jindal (PRO)

Message From the desk of Hon'ble Vice-Chancellor

I am delighted to present Volume 11 (Issue No. 5&6) of our bi-monthly newsletter, 'SUDI KSHA,' showcasing the remarkable activities and accomplishments of our university from August 2023 to November 2023.

During this period, CU Punjab has excelled in education and research, achieving significant milestones. Faculty play a pivotal role in elevating institutions to new heights, and our esteemed CU Punjab faculty have aptly taken on this responsibility. One standout achievement is the exceptional growth in publications in SCOPUS indexed journals, with a remarkable 126% increase in less than three years—from 1,097 publications in December 2020 to 2,487 by September 2023. This exponential growth reflects our faculty's dedication to impactful research. Moreover, eleven of our esteemed faculty members have been recognized as top international scientists by Stanford University, USA—an accomplishment that highlights the global impact of our faculty's research contributions. I am particularly proud to announce that Professor Felix Bast, Head of the Department of Botany, has been appointed to the Asia-Pacific advisory council of the International Science Council (ISC), a significant UN-affiliated think-tank, recognizing his outstanding contributions to the field of science.

The hard work of our faculty has been rewarded, as the university secured two prestigious grants from the Department of Science and Technology—PURSE (Promotion of University Research and Science Excellence) and i-TBI (Inclusive Technology Business Incubator)—worth a combined value of Rs 12.57 Crore. These grants will further enhance our research capabilities and foster innovation and entrepreneurship among our students.

Under the guidance of our talented faculty members, our students continue to excel, with 133 students achieving exceptional results in the NET/JRF Examinations held between December 2022 and July 2023. This is a testament to the quality education imparted at CU Punjab and the dedication of our students.

While actively participating in academic and extracurricular events, our university fraternity takes inspiration and pride from historic milestones like the Chandrayaan 3 soft landing on the moon's south pole and India's successful execution of the G20 summit.

The establishment of a new Kendriya Vidyalaya on the university campus would meet the educational needs of children of employees as well as residents of Bathinda District.

As we commence the new academic session, I encourage our incoming students to seize the opportunities offered by CU Punjab to accomplish their goals and contribute to our vibrant academic community.

Congratulations to the 'SUDI KSHA' editorial team for capturing our vibrant university atmosphere. Let's continue advancing in education and research, making a lasting impact.

Happy Reading!

Warm regards,



Raghavendra P. Tiwari



Prof. Raghavendra P. Tiwari
Vice-Chancellor
Central University of Punjab



Editorial

Dear Readers,

We are thrilled to present the August–November 2023 edition of 'SUDI KSHA,' showcasing the dynamic academic and extracurricular landscape at the Central University of Punjab, dedicated to fostering innovation and entrepreneurship among our students.

The academic session commenced with an engaging induction program, providing incoming students with a comprehensive introduction to academic and social life on campus. Throughout this period, students had valuable interactions with renowned academicians through workshops covering diverse topics such as the KOHA OSLS Library Management System, Pediatric Rare Genetic Disorders, Immune Tolerance, Microscopy Techniques, and Spectroscopy.

Our university hosted the prestigious International Conference-cum-Workshop on "Women, Innovation, and Entrepreneurship: Possible Lessons from India and South Africa," accompanied by competitions like Ideation 3.0, aimed at igniting creativity and entrepreneurial zeal among our talented student community.

In line with our commitment to social responsibility, we organized impactful initiatives including Hindi Pakhwada 2023, Swachhta Pakhwada 2023, and the "Meri Maati Mera Desh" Abhiyaan. These campaigns promoted Hindi language usage, emphasized the significance of cleanliness and sanitation, and paid homage to our nation's defenders.

Beyond academics, our university actively engages in cultural sensitization, celebrating Punjab's rich heritage through special programs such as Punjab Day and Gurupurab.

As we reflect on our collective achievements, we invite you to delve into this newsletter and witness the vibrant spirit that characterizes the Central University of Punjab, Bathinda.

Together, we rise.
Warm Regards,

Editorial Board

Chief Patron:

Prof. Raghavendra P. Tiwari
Vice-Chancellor
Central University of Punjab

Editorial Board:

Prof. Monisha Dhiman
(Chairperson)
Dr. Vipin Pal Singh
Dr. Amandeep Brar
Dr. Dinesh Babu P.
Dr. Rubal Kanozia
Dr. Paramveer Singh
Dr. Deepak Pandey
Mr. Robin Jindal (Public
Relations Officer)

Invited Articles

Positive student-teacher relationship conducive to wholesome learning



Prof. Raghavendra. P. Tiwari

Vice-Chancellor

Central University of Punjab, Bathinda

Email: vc@cup.edu.in

In ancient times, teachers performed the roles of companion, guide, philosopher, ideologue, mentor and facilitator. They performed their duties through dedication, compassion, humility, love and affection. They helped sharpen physical, mental, emotional, social and spiritual faculties of the learners to enable them to productively engage with the emerging world order. The guru-shishya relationship revolved around high ideals, morality, mutual trust, responsibility and accountability towards each other. Thus, the guru used to be the most venerated person for the shishyas and society as well. The history of education is replete with several examples of the guru-shishya relationship to cherish and emulate — Vasishtha-Rama, Sandipani-Krishna, Arjuna-Dronacharya, Govinda Bhagavatpada-Adi Shankaracharya, Chanakya-Chandra Gupta Maurya, Ramkrishna Paramhans-Swami Vivekananda, Socrates-Plato, Plato-Aristotle and Aristotle-Alexander. Such great teachers and their disciples influenced philosophies, ideologies and perspectives to observe and change the world since time immemorial. Aristotle said:- “Those who educate children well are more to be honoured than they who produce them.”

True teachers are the beacons of light that lead learners to success, glory and a contented life. They involve the learners in the knowledge-gaining process. As Benjamin Franklin said: “Tell me and I forget. Teach me and I remember. Involve me and I learn.”

There is serious concern across the country over the quality of higher education necessary for ensuring greater social and economic development and enrichment of the civilisational discourse. It is recognised the world over that one of the contributing factors in this context is the student-teacher relationship. The McKinsey Global Institute says that out of the 56 skills identified for learners to become successful in the emerging world, 14 are focused on interpersonal

relationships and grouped under 'fostering inclusiveness', 'collaboration', 'empathy' and 'inspiring trust'. A positive relationship between a student and a teacher creates a conducive environment for wholesome learning and helps build trust for each other to bank upon in trying times. Studies have shown that those teachers who develop a good rapport with students ensure better student engagement in learning. Contrarily, a strained student-teacher relationship contributes to learning loss, adversely impacts mental well-being and hampers social, emotional and spiritual development of learners.

The learning-teaching process is a multi-domain construct that includes social, inter-personal, emotional, leadership,

cognitive and psychological aspects. It is true that the behaviour of the teacher modifies the behaviour of students and vice-versa. Thus, individual behaviour is not the only determinant of the student-teacher relationship but also the interplay of behavioural traits of both.

As an inquirer, a student often has to be on the same page and in a symbiotic and synergistic relationship with the teacher. This association can be nurtured by dedication and commitment. Coincidentally, today with the easy retrieval of information from the public domain, students do not solely depend on teachers for information. Thus, the student-teacher relationship is becoming tenuous. Therefore, teachers need to be fully learner-centric rather than merely focusing on lecturing. They should understand the learning needs of students and mentor them accordingly. In this scenario, moving beyond classroom interaction between the teacher and the taught is needed to understand each other and develop a constructive bond. Teachers need to appreciate that today's learners are under tremendous stress to secure a safe future as they have to survive in a highly uncertain and volatile world. Therefore, students' convenience of learning should be their priority. Educators and higher education institutions need to work on a strategy to strengthen a continuous dialogue between the teachers and students.

Unfortunately, the prevailing student-teacher relationship is less based on discussion, debate, disputation and acceptance and more on denial.

Let our teachers make windows through which the fragrance of fresh ideas will enter and nourish the minds of our budding scholars.

The relationship essentially has to be inclusive in all aspects and its meeting point has to be equidistant from the viewpoints of both. Obviously, the onus of arriving at a consensus is greater on the teachers.

The modern construct that education is a commodity, the teacher a service provider and the parents are clients is the root cause of the deteriorating student-teacher relationship. Resultantly, the respect for teachers, which was integral to the ancient education system, is on the decline. In the current learning ecosystem, teachers for whom teaching is a vocation are outnumbered by those for whom it is an occupation. This is evident from the indifferent, impersonal and non-professional approach of some teachers towards the learners. In order to arrest this trend, people should enter the teaching profession by choice and not by default. Those who have faith in the guru-shishya parampara and are ready to implement its essential traits in letter and spirit should embrace this profession. Even if someone has landed in it by default, s/he should accept it wholeheartedly and strive hard to perform accordingly. Teachers need to appreciate that teaching is not all about disseminating information generation after generation. Rather, it is, in fact, about developing an honest academic, social, emotional and empathetic relationship with the students. We need to customise our ancient guru-shishya parampara to address the strained student-teacher relationship. Michel Foucault said: "I'm no prophet. My job is making windows where there were once walls."



जी-20 घोषणा पत्र भारत की बढ़ती वैश्विक भूमिका का द्योतक



आचार्य राघवेन्द्र प्रसाद तिवारी
कुलपति, पंजाब केन्द्रीय विश्वविद्यालय, बठिंडा

भारत की अध्यक्षता में दिल्ली के भारत मंडप में G-20 का शिखर सम्मेलन उपलब्धियों से परिपूर्ण रहा। देश के यशस्वी, ऊर्जावान एवं दूरदर्शी प्रधानमंत्री श्री नरेन्द्र मोदी के कुशल नेतृत्व में इस सम्मेलन ने बुलंदियों का नया आसमान छुआ। भारत की कूटनीतिक सफलता का ही परिणाम है कि सभी सदस्य देशों द्वारा दिल्ली घोषणापत्र को सर्वसम्मति से स्वीकार किया गया एवं विश्व की 85 प्रतिशत जीडीपी वाले अफ्रीकन यूनियन की G-20 समूह में प्रवेश सहित ग्लोबल साउथ की आवश्यकताओं पर ध्यान देने पर सहमति बनी। पिछले कुछ वर्षों के घटनाक्रम एवं भविष्य की राह की दृष्टि और व्यापक मानवतावादी वैश्विक दृष्टिकोण के कारण इस घोषणापत्र की प्रासंगिकता बढ़ जाती है।

ध्यातव्य है कि पूर्व में रूस-यूक्रेन के विषय को लेकर इस घोषणा-पत्र को स्वीकार्यता मिलने में समस्या आ रही थी। इस गतिरोध को दूर करने हेतु भारत ने कूटनीति का परिचय देते हुए घोषणा-पत्र के पैराग्राफ में ऐसे परिवर्तन किए जिससे इसे सहजता से स्वीकृति मिली। भारत ने संयुक्त राष्ट्र सुरक्षा परिषद एवं संयुक्त राष्ट्र महासभा के प्रस्तावों पर अपने राष्ट्रीय रुख को दोहराते हुए इस बात पर विशेष बल दिया कि सभी देशों को संयुक्त राष्ट्र चार्टर के उद्देश्यों एवं सिद्धांतों के अनुरूप ही आगे बढ़ना चाहिए। साथ ही सभी को अन्य देशों की अखंडता एवं संप्रभुता या राजनीतिक स्वतंत्रता के विपरीत अधिग्रहण की धमकी या शक्ति के प्रयोग से बचना चाहिए। भारत ने स्पष्ट किया कि परमाणु हथियारों का उपयोग या उपयोग की धमकी देना भी कतई स्वीकार्य नहीं है।

आर्थिक मोर्चे की बात करें तो G-20 सदस्यों की अर्थव्यवस्था को गति देने एवं टिकाऊ आर्थिक सुधार लाने हेतु निजी उद्यमशीलता की भूमिका पर सहमति बनी है। भारत की दृष्टि से देखें तो भारत, मिडिल ईस्ट एवं यूरोप के बीच व्यापारिक कॉरिडोर की संकल्पना साकार होने से भारत के व्यापार एवं अर्थव्यवस्था में अभूतपूर्व गति आएगी। इसके इतर G-20 सदस्यों ने विकासशील देशों में निवेश परियोजनाओं हेतु निजी क्षेत्रों की भूमिका को रेखांकित किया है। साथ ही वैश्विक स्तर पर आर्थिक असमानता दूर

करने एवं टिकाऊ, संतुलित, सर्वसमावेशी, दीर्घकालिक विकास को बढ़ावा देने की आवश्यकता हेतु व्यापक आर्थिक एवं संरचनात्मक नीतियों को लागू करने पर सहमति बनी है। फलतः समान विकास को बढ़ावा मिलेगा एवं व्यापार, आर्थिक एवं वित्तीय स्थिरता की मजबूती से कमजोर वर्गों के हितों की रक्षा होगी।

प्रधानमंत्री मोदी ने दोहराया G-20 की हमारी अध्यक्षता का संदेश है 'एक पृथ्वी, एक कुटुम्ब एवं एक साझा भविष्य। अतः G-20 घोषणा-पत्र सतत, सर्वसमावेशी, प्रकृति-केन्द्रित विकास के मॉडल पर आधारित है। इसमें विकास हेतु सतत हरित मार्ग की परिकल्पना की गई है। इसी के अंतर्गत भारत की पहल पर विश्व जैव ईंधन गठबंधन की शुरुआत भी हुई। शीर्ष नेताओं ने जलवायु मोर्चे सहित विश्व के समक्ष उपस्थित विभिन्न चुनौतियों से निपटने हेतु तत्काल पहल करने का आह्वान किया। निकट भविष्य में ग्लोबल वार्मिंग के विरुद्ध वैश्विक मुहिम के लिए व्यापक रणनीति जैसे इस हेतु वैश्विक नवीकरणीय ऊर्जा क्षमता को तीन गुना करने आदि पर सहमति बनी है। घोषणा की गई कि हम सब आर्थिक विकास एवं पर्यावरण की क्षति के मध्य संतुलित जलवायु एजेंडे के साथ धरती की सुंदरता एवं जीवन की गरिमा सुनिश्चित करेंगे। घोषणा-पत्र में डिजिटल सार्वजनिक बुनियादी ढांचे पर ध्यान देने के साथ ही प्रौद्योगिकी की समावेशी भूमिका पर प्रकाश डाला गया है। कृत्रिम

बुद्धिमत्ता से जुड़े फायदे एवं नुकसान को ध्यान में रखते हुए नवोन्मेष समर्थक व्यवस्था को अपनाने पर जोर दिया गया जिससे वह ज्यादा उपयोगी हो सके।

आतंकवाद एवं वैश्विक भ्रष्टाचार को खत्म करने, पारंपरिक विरासत को संभालने तथा गुणवत्तापरक शिक्षा के तीव्र प्रसार के प्रयासों पर भी भारत की पहल को स्वीकार्यता मिली है। भारत ने राष्ट्रीय एवं अंतरराष्ट्रीय आवश्यकताओं की पूर्ति में सर्वथा सक्षम राष्ट्रीय शिक्षा नीति के परिवर्तनकारी पहलुओं से सदस्य देशों को परिचित करवाया। सभी ने माना कि शिक्षा में सृजनात्मकता, तर्कसंगत सोच, अनुसंधान, कौशल विकास, उद्यमिता, डिजिटल इन्फ्रास्ट्रक्चर, रोजगार सृजन को बढ़ावा देकर शिक्षा के नूतन लक्ष्यों को प्राप्त कर सकेंगे।

सभी ने माना है कि वर्तमान चुनौतियों के समाधान हेतु विश्व G-20 से नेतृत्व की अपेक्षा रखता है। स्पष्ट है कि G-20 के

इस शिखर सम्मलेन ने भारत को विश्व के लिए एवं विश्व को भारत के लिए तैयार करने में महनीय भूमिका निभाई है। भारत मानता है कि महामारी के बाद की विश्व व्यवस्था इसके पूर्व की विश्व व्यवस्था से भिन्न होनी चाहिए। तमाम चुनौतियों के बीच दिल्ली घोषणा-पत्र को G-20 में आम राय से स्वीकार कर लिया जाना किसी चमत्कार से कम नहीं है। जिन मुद्दों पर विश्व बंटा दिख रहा था, उनको लेकर भी यहाँ एकजुटता दिखी। चीन ने भी घोषणा-पत्र को लेकर सकारात्मक रुख दिखाया। किसी भी प्रकार का कोई अंतर्विरोध नहीं दिखा। यह प्रधानमंत्री मोदी की बहुत बड़ी कूटनीतिक जीत के साथ ही भारतीय सभ्यता एवं संस्कृति की वैश्विक स्वीकार्यता का परिचायक है। मोदी जी को विश्वास था वे कामयाब होंगे एवं शिखर सम्मेलन के बाद इस बात में कोई द्वंद्व नहीं है कि वैश्विक नेतृत्व एवं जिओ पॉलिटिक्स की दृष्टि से G-20 का सम्मलेन भारत के इतिहास के स्वर्णिम पृष्ठ पर अंकित हो गया है।

Accomplishments

August, 2023: Outstanding Performance by 133 Students of Central University of Punjab in NET/JRF Examination

In continuation to their tradition of setting high benchmarks in competitive examinations, around 133 students from the Central University of Punjab have achieved exceptional results in the NET/JRF Examinations. These examinations are designed to determine the eligibility of Indian nationals for positions as 'Assistant Professors' and 'Junior Research Fellows and Assistant Professors' in Indian universities and colleges. Among these 133 students, a remarkable 131 students representing 24 diverse departments of the university have demonstrated their excellence by successfully qualifying for Junior Research Fellowships and/or Assistant Professorship eligibility in the UGC-NET December 2022-June 2023/Joint-CSIR UGC-NET December 2022-June 2023 Examinations. The official exam results were declared by the NTA in April and July 2023. Furthermore, two CUPB students have qualified in the ICMR-JRF/DBT JRF Exams conducted between December 2022 and July 2023.

Out of the overall count of 133 students, 29 have secured the prestigious Junior Research Fellowship (JRF), while 104 have earned eligibility for the Assistant Professorship position by qualifying NET. It is also worth mentioning that 32 students have achieved the distinction of qualifying NET/JRF in the first year of their Post Graduation studies.

In these exams, a maximum of 16 students qualified each from the Department of English and Dept. of Psychology. Apart from the above, the above, 11 students qualify from the Department of Botany, 10 from Dept. of Physical Education, 9 each from Dept. of Law and Dept. of Zoology qualified the exam. The remaining 62 students successful in the aforementioned examinations come from other Departments including Punjabi, Education, Chemistry, Mass Communication and Media Studies, South and Central Asian Studies, Human Genetics and Molecular Medicine, Library

and Information Sciences, Financial Administration, Geography, Physics, Microbiology, Geology, Hindi, Pharmaceutical Sciences and Natural Products, Biochemistry, Computational Sciences, Environment Sciences and Technology, and Performing Arts (Theatre).

On this occasion, Vice-Chancellor Prof. Raghavendra P. Tiwari extends his heartfelt congratulations to the students for bringing laurels to the university. He stated that it is a moment of immense pride for us as a

substantial number of students have qualified for UGC-NET/JRF and CSIR NET/JRF Examinations. Prof. Tiwari mentioned that this notable accomplishment is the outcome of recently introduced innovative reforms that encompasses LOCF based curriculum development, student centric pedagogies, and an innovative teaching-learning and evaluation process. He attributed this success to the dedicated efforts of faculty members, whose guidance has been instrumental in propelling CUPB students towards this remarkable milestone.



September 2023: Central University of Punjab's Research Output Doubles in last Three Years

The Central University of Punjab, under the dynamic leadership of Vice-Chancellor Prof. Raghavendra P. Tiwari, has achieved unprecedented success in education and research. Recently, the university reached a significant milestone by doubling its research output in less than three years. Notably, the University's research publications in SCOPUS listed journals surged from 1,097 as of December 31, 2020, to 2,487 as of September 1, 2023, marking a remarkable 126% growth. The university now boasts an impressive SCOPUS h-index of 77.

Furthermore, the institution has made substantial progress in securing extramural research grants. The University has got a total sanction of 222 research projects amounting 88.5 Cr, out of which 55 research projects worth 32.75 Cr were sanctioned in just during the last three years.

Over the last three years, the university's faculty has published their research in esteemed high-impact journals such as

Lancet, Nature, Molecular Cancer, and Nature Global Health, while also receiving prestigious DST-FIST and DST-PURSE grants.

This remarkable increase in research output not only solidifies the university's stature as a leading research-centric institution in the region but also contributes significantly to the advancement of knowledge across diverse fields.

Vice-Chancellor Prof. Raghavendra P. Tiwari mentioned that the Central University of Punjab's achievement in doubling its research output in a short duration of around three years reflects its dedication to academic excellence and commitment to contributing to society through research and innovation. He dedicated this accomplishment to the unwavering commitment of faculty and students to push boundaries in their pursuit of knowledge.



September 5, 2023: Central University of Punjab secures prestigious PURSE and i-TBI Grants worth Rs 12.57 Crore

In a dedicated effort to foster a culture of high-quality research, innovation, and

entrepreneurship among India's youth, the Central University of Punjab (CU Punjab)

has obtained a significant milestone by securing two highly prestigious grants, PURSE (Promotion of University Research and Science Excellence) and i-TBI (Inclusive Technology Business Incubator) from the Department of Science and Technology, GOI, with a combined value of Rs 12.57 Crore.

The university recently received official correspondence from the Department of Science and Technology, regarding grant approvals of Rs 8.82 Crore under the PURSE Programme and an additional Rs 3.75 Crore under the i-TBI Scheme.

PURSE Grant: Prof. Anjana Munshi, the Coordinator of the PURSE Project and Director of the R&D Cell, while elaborating on the utilization of DST-PURSE Grant mentioned that it will primarily support our research efforts aimed at understanding the development and progression of breast cancer, as well as the development of new treatment methods. This grant will facilitate the acquisition of sophisticated equipment such as LC-MS/MS, Flow Cytometry Cell Sorter, and Fluorescence Microscope. Prof. Munshi further emphasized that in the forthcoming years, the PURSE Facility will play a pivotal role in identifying key molecular signatures (genomic, transcriptomic, and metabolomic markers) of breast cancer prevalent in the Malwa region of Punjab. Furthermore, it will also aid in raising awareness among the local

population for early intervention, ultimately reducing morbidity and mortality related to breast cancer.

i-TBI Grant: Prof. Anjana Munshi also informed that the sanction of the i-TBI grant will help in the creation of an incubation model designed to nurture innovative ideas within the fields of Agriculture, Environment, and Health sectors. Prof. Munshi highlighted that a portion of this grant will be dedicated to acquiring a 3D Printer, establishing a Food Processing facility, and procuring other sophisticated equipment. The i-TBI grant aims to empower young innovators to turn their ideas into meaningful solutions, thereby making a significant contribution to the nation's scientific and technological advancement.

On this momentous occasion, Prof. Raghavendra P. Tiwari, Vice-Chancellor of the Central University of Punjab, expressed profound gratitude to the Department of Science and Technology and the Government of India. Prof. Tiwari underscored the significance of the DST-PURSE and DST i-TBI Grants, totalling Rs 12.57 Crore, in creating state-of-the-art research facilities for developing innovative solutions to the challenges faced by the Malwa region and in supporting aspiring entrepreneurs in turning their innovative ideas into successful startup ventures.



October 6, 2023: Eleven faculty members of Central University of Punjab featured in 'Stanford's top International Scientist List 2023'

Eleven faculty members and an ex-faculty from the Central University of Punjab, Bathinda (CUPB) have secured their place in the list of top international scientists named "Updated Science-wide Author Databases of Stanford Citation Indicators" for conducting exceptional research work in the calendar year 2022. This database was released by Stanford University, USA and published by Elsevier Data Repository on

October 4, 2023. Central University of Punjab has showcased significant improvement by increasing the number of Scientists featured in Stanford's top International Scientist List from eight faculty members in 2022 to eleven faculty members in 2023.

The selection is based on the top 100,000 scientists by c-score (with and without self-



Photo Collage of Vice-Chancellor Prof. Raghavendra P. Tiwari and 11 Scientist who got featured in Stanford International Scientist List 2023

citations) or a percentile rank of 2% or above in their field. The compilers of this database have classified the top scientists in the world into 22 different fields and 174 subfields, following the standard Science-Metrix classification. The research group of John P.A. Ioannidis (Stanford, USA) curated two different databases to recognize the top scientists for their outstanding research contributions in a single recent year and their entire careers. This work uses Scopus data provided by Elsevier through ICSR Lab. Notably, CUPB scientists have made their mark in both these databases.

The global database of scientist who have made exceptional contribution in single recent year pertaining to citations received during calendar year 2022 featured the following eleven faculty members and an ex-faculty of the Central University of Punjab: Prof. Vinod Kumar Garg (Dept. of Environmental Science and Technology), Prof. Raj Kumar (Dept. of Pharmaceutical Sciences and Natural Products), Dr. Puneet Kumar (Dept. of Pharmacology), Dr. Randhir Singh (Dept. of Pharmacology), Dr. Balachander Vellingiri (Dept. of Zoology), Dr. Shashank Kumar (Dept. of Biochemistry), Dr. Ashok Kumar (Dept. of Physics), Dr. Vikas Jaitak (Dept. of

Pharmaceutical Sciences and Natural Products), Dr. Anjana Bali (Dept. of Pharmacology), Dr. Sachin Kumar (Dept. of Mathematics and Statistics), Dr. Vikram Deep Monga (Dept. of Pharmaceutical Sciences and Natural Products), and Dr. Nasir Salam (Ex-faculty, Dept. of Microbiology).

The above scientists have been recognized for their contributions in various disciplines, including Environmental Sciences; Oncology & Carcinogenesis; Neurology & Neurosurgery; Medicinal & Biomolecular Chemistry; General Physics; Medicinal & Biomolecular Chemistry; General & Internal Medicine; Medicinal & Biomolecular Chemistry; Pharmacology & Pharmacy; Nuclear & Particle Physics; and Medicinal & Biomolecular Chemistry.

Among the recognized faculty members, Prof. Vinod Kumar Garg from CUPB Dept. of Environmental Science and Technology, got featured in Stanford's top 2% scientist list for three consecutive years 2020, 2021, and 2022, and continues to outshine in the prestigious career-long database of "top international scientists list" of 2023, for making remarkable contributions in his discipline throughout his career.

Prof. Raghavendra P. Tiwari, the Vice-Chancellor, stated that it is a moment of great pride and joy for the Central University of Punjab to see our eleven faculty members and an ex-faculty recognized among the top international scientists. This recognition is a testament to the hard work, dedication, and outstanding research contributions of our faculty. It also reflects the university's commitment to promoting research and innovation. We are confident that this achievement will inspire our faculty and students to strive for excellence and make even greater contributions to the world of science and research.



October 17, 2023: Central University of Punjab's faculty Prof. Felix Bast elected into International Science Council Advisory Council

Professor Felix Bast, Head of the Department of Botany at the Central University of Punjab (CU Punjab), was recently selected into the Asia-Pacific advisory council of the International Science Council (ISC), a major UN affiliated think-tank, during a meeting held at Kuala Lumpur, Malaysia on 6th October 2023.



Vice-Chancellor Prof. Raghavendra P. Tiwari congratulating Prof. Felix Bast on his accomplishment

International Science Council (ISC), based in Paris, France, is an international NGO created in 2018, that brings together scientific bodies from various domains, including international scientific unions and associations from natural and social sciences, and the humanities. ISC's vision is to advance Science as a global public good.

Professor Felix Bast is the only Indian in the newly elected six-member high profile advisory council appointed by ISC, which will provide guidance and advice on priority programmes for the newly established International Science Council Regional Focal Point for Asia and the Pacific (ISC

RPF-AP). Other five newly elected members of advisory council of ISC RPF-AP are Prof. Pal Ahluwalia, Vice Chancellor of University of South Pacific, Fiji; Prof. Gisela Concepcion from National Research Council of the Philippines; Prof. Jia Gensuo from Chinese Academy of Sciences; Prof. Yukio Himiyama from Japan who was the past president of International Geographical Union; and Prof. Kathryn Robinson from Australian National University. The newly elected advisory council, which will serve a term of five years, will hold regular meetings under the aegis of Australian Academy of Sciences, Canberra, Australia.

Prof. Raghavendra P. Tiwari, Vice-Chancellor of the Central University of Punjab, congratulated Professor Felix Bast on this remarkable international achievement. He stated that this is an honour for the Central University of Punjab to be part of such a prestigious International scientific think-tank. He added that this opportunity would allow Prof. Bast to showcase Indian Science in an international arena and promote science-informed good governance model of Hon'ble Prime Minister Narendra Modi ji.

Prof. Felix Bast expressed his gratitude towards Prof. Tiwari for motivation and all other members of ISC from India including Indian Council for Social Science Research (ICSSR), Indian National Science Academy (INSA) and its Young Academy, INYAS, all of which supported his election. He emphasized that his election underscores the increasing regional and global significance of India, particularly in the wake of India's G20 presidency.

Source:

<https://council.science/current/news/advisory-council-appointed-asia-pacific/>



November 4, 2023: New Kendriya Vidyalaya to start on Central University of Punjab Campus in November 2023

• Kendriya Vidyalaya Sangathan, New Delhi establishes a new KV on Central University of Punjab Campus with the approval of Ministry of Education, Govt. of India

Residents of Bathinda District have a reason to rejoice as the Kendriya Vidyalaya Sangathan, New Delhi announced the approval of the Ministry of Education, GOI for starting a New Kendriya Vidyalaya on the campus of CU Punjab, Bathinda. The new KV will begin with classes I to V from 2023-24 academic year, for which admission process will be made in offline mode. This will be the fifth Kendriya Vidyalaya in Bathinda district.

The newly established Kendriya Vidyalaya at Central University of Punjab (KVCUP) has released the admissions schedule for Classes I to V for the current session (2023-24). The registration period was open from November 6 to 20, 2023. Selection was held as per KV norms, with preference given to the wards of the CU Punjab employees, followed by civilians.

This school will operate in project mode with Central University of Punjab bearing expenditure related to infrastructure and salaries for KV staff, with financial support from the Ministry of Education. Every year, one new higher class will be added. Mr. Anil

Kumar has been appointed as the In-charge Principal at KVCUP, and other teachers and KV staff are being deputed by Regional Office, Kendriya Vidyalaya, Chandigarh.

Prof. Raghavendra P. Tiwari, the Vice-Chancellor, CUPB, expressed his gratitude to Hon'ble Minister of Education Shri Dharmendra Pradhan and the Kendriya Vidyalaya Sangathan for establishing Kendriya Vidyalaya on the CU Punjab campus. The university had previously proposed establishment of a KV on its campus as faculty and staff members had to send their child to schools 20-30 km away from campus. He expressed hope that the establishment of KV on the university campus would meet the educational needs of the children of employees as well as residents of Bathinda District.

Prof. Tiwari highlighted that the university administration is committed to provide necessary amenities at KVCUP to support the delivery of quality education and foster the development of talent, enthusiasm and creativity among its students.

Mr. Anil Kumar, In-charge Principal, mentioned that the interested parents could visit the Kendriya Vidyalaya building on the Central University of Punjab campus for the registration purpose.

Important Collaborations

August 23, 2023: Central University of Punjab, Jawaharlal Nehru University, and Central University of Andhra Pradesh Collaborate for Academic Excellence and Research Advancement

In a significant stride towards elevating academic prowess and fostering collaborative research, the Central University of Punjab (CU Punjab) has entered into a momentous Memorandum of Understanding (MoU) with two prominent institutions in the Indian higher education

landscape, Jawaharlal Nehru University (JNU) and the Central University of Andhra Pradesh (CUAP). The signing ceremony, held at the JNU campus, was graced by the presence of Prof. Shantishree Pandit, Vice-Chancellor, JNU, Prof. Raghavendra P. Tiwari, Vice-Chancellor, Central University

of Punjab, and Prof. S.K. Kori, Vice-Chancellor, Central University of Andhra Pradesh.

The MOU, aptly titled 'The Consortium for Higher Educational Institutions (CHEIs) of India,' signifies a collaborative initiative undertaken by the three universities. This consortium aims to establish academic cooperation to facilitate the effective implementation of the National Education Policy (NEP) 2020, promote skill development and entrepreneurship, pool resources, and encourage research endeavours targeted at addressing local and regional challenges.

Prof. Raghavendra P. Tiwari, Vice-Chancellor of Central University of Punjab, emphasized the historical significance of this MOU, stating that it is a pivotal step towards enriching students' knowledge and skills. Both Prof. Shantishree Pandit and Prof. R.P. Tiwari conveyed their enthusiasm about being part of this transformative MOU, which is geared towards advancing education and research across the nation.

All participating institutions acknowledge the value of robust collaboration among higher education institutions, encompassing research, academic initiatives, and community engagement, to effectively amplify the implementation of the reforms envisaged in NEP 2020.

The member universities within the consortium have mutually agreed to offer joint degree, diploma, and certificate programs. This collaboration opens avenues for academic and research synergy, in addition to sharing infrastructure, equipment, libraries, and other essential resources. The consortium will facilitate collaborative supervision of PhD programs, internships, and dissertations for both graduate and postgraduate students. Joint training programs, seminars, webinars, and conferences will be organized to foster knowledge dissemination, enhance research skills, and develop other relevant proficiencies.

Furthermore, the universities will embark on joint research initiatives to attract external funding and collectively tackle pressing environmental and health concerns within the region. The MOU also underlines the promotion of faculty-student exchanges and entrepreneurial endeavors, alongside joint placement initiatives. The universities are committed to providing joint consultancy services, as stated by the respective Vice-Chancellors.

This collaboration heralds a new era of educational cooperation and research advancement, poised to contribute significantly to the academic landscape of the nation.



Group Photo of Prof. Raghavendra P. Tiwari, Vice-Chancellor, CU Punjab along with Prof. Shantishree Pandit, Vice-Chancellor, JNU, Prof. S.K. Kori, Vice-Chancellor, Central University of Andhra Pradesh, and University Officials during the MoU Signing Ceremony

August 26, 2023: Central University of Punjab hosts the 1st Meeting of Consortium of Higher Educational Institutions of North India (CHEINI)



From left to right: Prof. Yashwant Singh (Registrar, CU Jammu), Prof. Tankseshwar Kumar (Vice-Chancellor, CU Haryana), Prof. Anand Bhalerao (Vice-Chancellor, CU Rajasthan), Prof. Raghavendra P. Tiwari (Vice-Chancellor, CU Punjab), Prof. Rajeev Ahuja (Director, IIT Ropar), and Prof. S. P. Bansal (Vice-Chancellor, CU Himachal Pradesh), showcasing the MoU for the establishment of CHEI (Consortium of Higher Education Institutions) of North India after signing the detailed agreement.

- **Vice-Chancellors/Director of six Premier HEIs of North India gathered to strategize implementation of transformative higher educational reforms encompassing Joint Research, Dual & Joint Degree Programs, Resource Sharing, and Social Outreach.**

Heads of six premier educational institutions gathered at the Central University of Punjab attended the first meeting of the Consortium of Higher Educational Institutions of North India (CHEINI). This Consortium is a joint venture of the Central University of Jammu, Central University of Haryana, Central University of Himachal Pradesh, Central University of Punjab, Central University of Rajasthan, and the Indian Institute of

Technology, Ropar. The signing of this MoU took place on July 29, 2023, during the Akhil Bharatiya Shiksha Samagam held at Bharat Mandpam, New Delhi, in the august presence of the Hon'ble Education Minister of India, Shri Dharmendra Pradhan. The Heads of the aforementioned HEIs participated in this meeting for the first time to outline a roadmap aimed at enhancing collaboration in terms of research, academic activities, and social outreach.

At the outset, Prof. Raghavendra P. Tiwari, the Vice-Chancellor of CU Punjab and the host of this meeting, welcomed the esteemed dignitaries, including Prof. Rajeev Ahuja, Director of IIT Ropar; Prof. Tankseshwar Kumar, Vice-Chancellor of CU Haryana; Prof. Anand Bhalerao, Vice-Chancellor of CU Rajasthan; Prof. S. P

Bansal, Vice-Chancellor of CU Himachal Pradesh; and Prof. Yashwant Singh, Registrar of CU Jammu.



CHEINI members discussing the agenda items of during 1st meeting

Prof. Tiwari, in his welcome address, briefed about the strengths of the Central University of Punjab in the field of academics and research. He asserted that in the 21st-century era, collaboration is the key to accomplishing success in imparting holistic education and conducting high-quality research. He shared the progress made by Consortium of Higher Educational Institutions of the Bathinda region in advancing the level of education and research in this area and highlighted that the Consortium of Higher Educational Institutions in North India (CHEINI) has a significant role to play in transforming the higher education landscape of north India. Prof. Anjana Munshi, Director R&D Cell of CU Punjab, made a presentation on facilities for conducting quality research available at the University.

Following this, all delegates discussed the possibility of implementing various NEP-2020 reforms and other innovative ideas, such as the exchange of faculty and students, credit transfer, submission of joint research projects, joint consultation, joint Ph.D. programs, offering Joint Academic Programs, Dual Degree Programs, conducting Joint Workshops/Symposiums, and joint internships. All member HEIs agreed to work on the formalities for exchange of students and teachers, joint internships and joint Ph.D. Programmes as the first goal of the consortium.

Prof. Rajeev Ahuja, Director of IIT Ropar, mentioned that publication in a high-impact journal could be possible with collaborative research, and this consortium, CHEINI, will provide a platform for the faculty of all member HEIs to interact with each other and join hands to work together to find innovative solutions for societal problems. He assured to extend all possible support on behalf of IIT Ropar in realizing the objectives of the consortium.

Prof. S.P. Bansal, Vice-Chancellor of CU Himachal Pradesh, emphasized that this consortium could serve as an excellent platform for the optimal utilization of resources. Currently, every HEI has its strengths in the domains of expertise and infrastructural facilities. The sharing of resources would help each institute avoid duplication of facilities and develop their super specialization in a particular domain. Additionally, it will encourage faculty and students to access the facilities of various member HEIs to excel in academics and research.

Prof. Anand Bhalerao, Vice-Chancellor of CU Rajasthan, mentioned that continuous dialogue is important to ensure the success of CHEINI. Therefore, all member HEIs should nominate nodal officers who will meet regularly every month, and heads should ensure they meet four times a year to monitor performance and plan further courses of action.

Prof. Tankeshwar Kumar, Vice-Chancellor of CU Haryana, mentioned that the initial step to foster collaboration in research could be achieved through the introduction of joint supervision of Ph.D. programs where multiple co-supervisors could be assigned to a research scholar to enhance the quality of Ph.D. work. He also insisted that the faculty of all member HEIs should be sensitized to the objectives of this Consortium to ensure their full participation.

Prof. Yashwant Singh, Registrar of CU

Jammu, asserted that this Consortium is a great initiative to promote innovation in the education ecosystem. He provided assurance on behalf of Prof. Satish Jain, Vice-Chancellor of CU Jammu, that their university will provide full support in accomplishing the mission of this consortium.

After the discussion, all delegates signed a detailed MoU and finalized that a team consisting of the Dean of Academics, Dean of Research, and Director of IQAC of each member HEI would assemble at CU Rajasthan in September 2023 for a two-day

meeting to prepare a white paper regarding the action plan of this consortium to accomplish the objectives set in the first meeting.

Towards the end, Prof. B.P. Garg, Registrar (I/c) and Controller of Examinations, gave a formal vote of thanks. On this occasion, Prof. R.K. Wusirika, Dean Incharge of Academics, Prof. Anjana Munshi, Director R&D Cell, Prof. Monisha Dhiman, Director of IQAC, and Dean of Schools were also present.



Group Photo of Heads of six Member HEI of CHEI of North India during signing of detailed MoU

October 23, 2023: Dr. Ambedkar Foundation signs three years MoU with Central University of Punjab



In an effort to empower SC and OBC youth, the Dr. Ambedkar Foundation (DAF), under the Ministry of Social Justice and Empowerment (MoSJ&E), has signed a Memorandum of Understanding (MoU) with the Central University of Punjab (CU Punjab) for the functioning of Dr. Ambedkar Centre of Excellence (DACE) to provide free UPSC and SPSC Competitive Examinations Coaching at the university. The MoU will remain in effect for a period of next three years and was signed by Shri Parveen Kumar Thind, Director DAF and

Prof. B.P. Garg, CoE and Registrar (I/c), CUPB, in New Delhi. With this development, DACE at CU Punjab invited applications for 120 seats from eligible candidates for admissions to UPSC/Competitive Examinations Coaching in 2023 Batch.

Prof. Raghavendra P. Tiwari, the Vice-Chancellor, expressed his gratitude towards DAF and MoSJ&E for providing DACE extension. He urged SC and OBC youngsters to realize their dreams of qualifying for UPSC/SPSC Competitive Examinations by enrolling in the DACE programme at CU Punjab.

University Event

August 15, 2024: Central University of Punjab celebrates 77th Independence Day with a Ceremonial Event and several Outreach Activities

77th Independence Day Ceremony held at Central University of Punjab

The Central University of Punjab (CU Punjab) fraternity commemorated the 77th Independence Day of India with patriotic zeal and fervour. As a part of the program, Prof. Raghavendra P. Tiwari, the Vice-Chancellor, ceremoniously unfurled both the National Flag and the University Flag at the CUPB Campus. The Flag Hoisting Ceremony was gracefully followed by an Inspection of Parade.

While addressing the participants, Vice-Chancellor Prof. Raghavendra P. Tiwari conveyed Independence Day greetings to all. He emphasized the importance of the younger generation's understanding of the profound significance of treasuring our hard-earned independence, as our nation achieved its freedom after enduring the immense pain of partition, alongside the unparalleled sacrifices made by our freedom fighters. He asserted that the sacrifices made by our Dasam Guru Sahibans have taught us to consistently fight against injustice and for the protection of Dharma.

Prof. Tiwari stated that due to the rapid industrialization approach we have adopted, presently the entire world is grappling with the challenge of global warming and rising pollution. Therefore, on this momentous day, every citizen needs to resolve to participate in Govt. of India's Meri Maati Mera Desh Abhiyaan by contributing to the nourishment of our mother earth and making it a suitable place to live. He underlined that CU Punjab is committed to providing holistic education aimed at nurturing responsible global citizens who can realise the vision of AtmaNirbhar

Bharat. He appealed to everyone to keep the nation first.



Glimpses of Inspection of Parade Ceremony

On this occasion, Prof. Tiwari honoured the family members of Constable Shaheed Sewak Singh (who sacrificed his life while patrolling on border in 2023) including Smt. Paramjeet Kaur (Mother), Shri Gaura Singh (Maternal Uncle), and Ms. Jasveer Kaur (Sister).

Furthermore, the Vice-Chancellor commended the achievements of university student Ms. Jasveer Kaur, who secured a bronze medal in Gatka competition at the All India Inter University Games held in Jaipur.

Infusing an artistic essence into the event proceedings, students from the Department of Performing and Fine Arts captivated the audience with a majestic performance of patriotic songs, leaving participants thoroughly mesmerized. Towards the end, Prof. B.P. Garg, Controller of Examinations and Registrar (I/c), delivered a formal vote of thanks.

Vice-Chancellor Prof. Tiwari inaugurates a CU Punjab developed Bus Stop at Village Ghudda

On the occasion of 77th Independence Day of our country, Prof. Raghavendra P. Tiwari, the Vice-Chancellor of CUPB, along with

the Sarpanch of Village Ghudda and local residents inaugurated a newly constructed Bus Stop at Village Ghudda, District Bathinda. This Bus Stop is constructed by Central University of Punjab to provide a dedicated sitting facility for passengers waiting for buses at Village Ghudda.



Vice-Chancellor Prof. Raghavendra P. Tiwari inaugurating Bus Stop at VPO Ghudda

Central University of Punjab's faculty and students pays tribute to the martyrs of the nation and honour the families of Bathinda Martyrs under Meri Maati Mera Desh Abhiyaan to mark 77th Independence Day

As a part of the 77th Independence Day Celebrations, the faculty, staff and students of the Central University of Punjab enthusiastically participated in an event series organized under Meri Maati Mera Desh Abhiyaan, with the tagline "Mitti ko naman, Veeron ka Vandan." These activities included a tree plantation drive, Tiranga Rally, paying tribute to martyrs, and honoring the families of martyrs, all conducted under the banner of the Meri Maati Mera Desh Abhiyaan, aimed to nourish our mother earth and honor the nation's heroes.

Marking the occasion, the CUPB fraternity under the leadership of Prof. Raghavendra P. Tiwari, the Vice-Chancellor, visited Baba Ghudda Samadhi Sthal located at Village Ghudda in the morning. Here, they planted tree saplings to establish an Amrit Vatika and promote environmental awareness.

Following this, everyone present took the Panch Pran Pledge administered by the Vice-Chancellor.



Group Photo of Vice-Chancellor Prof. Raghavendra P. Tiwari with NSS Volunteers and residents of Village Ghudda

In the evening, Prof. Tiwari, joined by students and staff, paid floral tribute to the statue of Martyr Nand Singh (1947) situated at Fauji Chowk, Bathinda. Subsequently, the team from the Central University of Punjab, led by Prof. Tiwari, conducted a Tiranga Rally from Fauji Chowk. The rally resounded with chants of "Vande Matram" and "Bharat Mata ki Jai."



Group Photograph of Vice-Chancellor Prof. Raghavendra P. Tiwari and CUPB students at Fauji Chowk

During this rally, the Vice-Chancellor paid rich tribute to our national heroes who have sacrificed their lives for our motherland by honouring the family members of Major Shaheed Ravi Inder Singh (who sacrificed his life in 2019). Prof. Tiwari used the occasion to encourage young participants to learn from the supreme sacrifices of our freedom fighters and martyrs, fostering a sense of nationalism and patriotism.

August 24, 2023: Central University of Punjab Extends a Warm Welcome to New Students through Two-Day Induction Programme 2023-24

With the commencement of the New Academic Session, the Central University of Punjab (CU Punjab), demonstrated its commitment to welcoming incoming students by organizing a comprehensive two-day Student Induction Programme from August 22 to 23, 2023. The purpose of this programme was to help students acclimatize to new surroundings, develop bond with fellow students and teachers, and establish a conducive atmosphere for a fruitful teaching-learning experience. Over 700 first-year students from different corners of the country, who have secured admissions into various PG Programmes at CU Punjab spanning sciences, humanities, and social sciences disciplines, actively participated in this Induction Programme.

Extending a warm welcome to the newly admitted students, Prof. Raghavendra P. Tiwari, the Vice-Chancellor, mentioned that the university administration is committed to provide a homely environment to students and deliver quality education aimed at fostering holistic personality development. He encourages students to embrace the opportunities that university offers to accomplish their chosen goals.



CoE and Registrar Prof. B.P. Garg addressing the new comers during student induction programme

Commencing the event, Prof. R.K. Wusirika, Dean Incharge Academics, greeted the newly enrolled students and acquainted them with the extensive array of teaching, learning, and research facilities available at the university. Prof. Wusirika

detailed the course structure, academic regulations, and the availability of diverse academic and non-academic services.

Prof. B.P. Garg, Controller of Examinations and Registrar (I/c) elucidated the university's Feedback & Evaluation and Examination & Result mechanisms. He emphasized that the entire admission process of the university is conducted online to uphold transparency. Prof. Garg guided students on accessing various essential forms available on the university website for availing different student-related services.

Prof. Monisha Dhiman, Director, IQAC, delved into discussions about the counselling and mentoring structure, the comprehensive training and placement support, and the internal grievance redressal system offered by CUPB. Prof. Anjana Munshi, Director R& D Cell, shared an overview of the dissertation submission process and the research infrastructure available at the university.

On the second day, Prof. Sanjeev Thakur, Dean Student Welfare, and his team elucidated the accommodations in the



Faculty and Students attending the Student Induction Programme

hostel, mess, and canteen facilities. He also highlighted the Anti Ragging Policy in place at CU Punjab. The induction programme provided students with insights into extracurricular activities including NSS

activities, Sports, and Cultural events conducted at the university. They were also informed about procedures for utilizing facilities at the University Library, Computer Centre, Central Instrumentation Laboratory, Health and Fitness Centre. Following the induction programme,

departmental-level mentoring and peer interaction sessions were conducted to facilitate newcomers in swiftly adapting to the novel academic environment. This initiative aimed to help incoming students become acquainted with various aspects of academic and social life within the campus.

August 23, 2023: Central University of Punjab organized LIVE Screening of Chandrayaan-3 landing on the moon

To eyewitness the momentous occasion of Chandrayaan-3 soft landing on the south pole of the moon, the Central University of Punjab invited a special assembly session to watch the LIVE Screening programme. The live-screening event showcased the monumental journey of Chandrayaan-3 as it ventured to conquer uncharted territories on the moon's unexplored south pole. Prof. Raghavendra P. Tiwari, Vice-Chancellor, along with university officers, faculty and students joined together to witness this historic moment.



Hon'ble Prime Minister Congratulating the nation on successful landing of Chandrayaan 3 Mission on Lunar South Pole

During this programme, the live feed from the Indian Space Research Organisation (ISRO) command centre was projected onto a large screen, providing an immersive experience for all attendees. The auditorium erupted in applause and cheers as the lander successfully completed soft landing on the moon's surface, marking a historic milestone in India's illustrious space exploration endeavors. The participants resounded with a sense of accomplishment and national pride as the mission achieved its objectives.



CU Punjab Vice-Chancellor Prof. Raghavendra P. Tiwari along with faculty and students attending the LIVE Screening of Chandrayaan 3 Landing

After the successful soft landing of Chandrayaan-3, the CUPB fraternity tuned in to watch the address to the nation by the Honorable Prime Minister, Shri Narendra Modi. During his address, he extended his congratulations to both ISRO and the citizens of India. He highlighted that this significant achievement has positioned India as the fourth country to successfully execute a soft landing on the moon's surface and notably, the first country to reach the lunar South Pole.

During this poignant moment, Prof. Raghavendra P. Tiwari, the Vice-Chancellor, conveyed his heartfelt congratulations to the dedicated ISRO scientists and professionals who contributed to this extraordinary achievement. He further stated that the landing of India's Chandrayaan-3 is a monumental occasion that will not only fuel curiosity but also spark a passion for exploration in the minds of our youth. It will generate a profound sense of pride and unity as we collectively celebrate the prowess of Indian science and technology. It will contribute to fostering an environment of scientific inquiry and innovation.

September 6, 2023: Union Education Minister launches Malaviya Mission – Teachers Training Programme, Central University of Punjab got recognized as Malaviya Mission Centre by UGC

- CUPB fraternity attended the inaugural ceremony of Malaviya Mission – Teachers Training Programme
- Central University of Punjab got recognized as a Malaviya Mission Centre to organize teachers training programmes for capacity building of faculty of HEIs.

The faculty members of the Central University of Punjab under the leadership of Vice-Chancellor Prof. Raghavendra P. Tiwari virtually attended the Inaugural Ceremony of Malaviya Mission – Teachers Training Programme by the University Grants Commission.

Union Minister for Education and Skill Development & Entrepreneurship Shri Dharmendra Pradhan launched the Malaviya Mission - Teachers Training Programme at Kaushal Bhawan, New Delhi on Tuesday. He also inaugurated the Portal of the Programme and released its information brochure. Secretary, Higher Education, Ministry for Education, Shri K. Sanjay Murthy; Chairman of UGC Prof. Mamidala Jagadesh Kumar; Vice Chairman, UGC, Prof. Deepak Kumar Srivastava; Secretary, UGC, Prof. Manish Joshi; officials of the Ministry of Education and UGC, and Vice Chancellors of several universities also graced the event. Educators and dignitaries from the entire nation joined through virtual mode.

While launching the training programme for teachers, Shri Dharmendra Pradhan emphasised improving the quality of education at all levels by infusing quality and excellence in teachers and teaching methods. He also announced the renaming of Human Resource Development Centres (HRDCs) as Madan Mohan Malaviya



Glimpses of Inaugural Event

Teachers' Training Centre. He mentioned that this programme will ensure continuous professional development and help in building capacities of 15 lakh teachers of HEIs through 111 Malaviya Mission centres across India in a time-bound manner.

Shri Pradhan stated that the Programme is an endeavour to make our educators future-ready with a deeper understanding of Indian values. It aims to improve the quality of teachers' training, build leadership skills in teachers and help realise the goals of NEP, he added. Emphasising the importance of lifelong learning, Shri Dharmendra Pradhan reiterated the need for teachers to be lifelong learners which will directly contribute to the holistic development of their students.

The two-week online programme shall focus on various themes identified for course curriculum/content for capacity building of faculty members at higher educational institutions. The 8 themes include Holistic and Multidisciplinary Education, Indian Knowledge Systems (IKS), Academic Leadership, Governance and Management, Higher Education and Society, Research and Development, Skill Development, Student Diversity and Inclusive Education and Information and Communication

Technology. To facilitate this transformative journey, the UGC has also established a dedicated portal for faculty

members to register for the capacity-building programmes. The link to the portal is <https://mmc.ugc.ac.in/>.

September 26, 2023: Central University of Punjab fraternity attended LIVE screening of PM address in G-20 University Connect Finale

The Central University of Punjab fraternity enthusiastically attended the LIVE screening of Hon'ble Prime Minister, Shri Narendra Modi's interaction with Yuva Shakti during the G-20 University Connect Finale programme held on Tuesday. More than 350 students, faculty and staff members, under the leadership of Vice-Chancellor, Prof. R.P. Tiwari, participated in this event.



CU Punjab fraternity attending LIVE Screening of G20 University Connect Programme

The G20 University Connect initiative aimed to foster an understanding of India's G20 Presidency among India's youth and enhance their participation in different G20 events. On this occasion, Prime Minister also released 4 publications namely The Grand Success of G20 Bharat Presidency: Visionary Leadership, Inclusive Approach; India's G20 Presidency: Vasudhaiva Kutumbakam; Compendium of G20 University Connect Programme; and Showcasing Indian Culture at G20.

Speaking at the G20 University Connect Finale, Hon'ble Prime Minister Shri Narendra Modi urged the youth to think big. He emphasized that no endeavour should be considered small and encourage turning



CU Punjab fraternity attending LIVE Screening of G20 University Connect Programme

every activity into a benchmark. He cited an example of G20, which could have been a mere diplomatic and Delhi-centric event, but was transformed into a people-driven national movement in India, reaching onto 5 crore students across schools, higher education institutions, and skill development programs. Hon'ble Prime Minister Modi expressed confidence that with the determination of Bharat's youth, the nation could achieve self-reliance and would be a developed nation by 2047.

The Union Minister for Education and Skill Development, Shri Dharmendra Pradhan was present on the occasion. Shri Pradhan congratulated the students' for spearheading the Jan-bhagidari events and making G20 India truly a people-driven national movement.

In closing, Vice-Chancellor Prof. Tiwari expressed gratitude to the Honorable Prime Minister and the Union Education Minister. He noted that Prime Minister Modi's insightful interaction had provided the youth with a deeper understanding of the speed, scale, and breadth of New Bharat, inspiring them to "Think and Dream Big".

October 31, 2023 – November 1, 2023: Central University of Punjab organized 12th Mega Two Days Book Exhibition



Vice-Chancellor Prof. Raghavendra P. Tiwari reviewing books along with faculty & students during the Book Exhibition organized at CUPB

The Central University of Punjab (CU Punjab), in its ongoing effort to encourage reading among youngsters and enrich its Library, organized the 12th Annual two-day Book Exhibition at its lush green campus situated at Ghudda, Bathinda. The University Library, under the guidance of Vice-Chancellor Prof. Raghavendra P. Tiwari, organized this captivating event from October 31, 2023 to November 1, 2023. This Book Exhibition showcased an impressive collection of over 35,000 books from Indian and International publishers spanning various genres, languages and cultures.

At the outset, Prof. Raghavendra P. Tiwari, the Vice-Chancellor along with Prof. R.K. Wusirika, Dean Incharge Academics, Prof. B.P. Garg, the Controller of Examinations and Registrar (I/c), Dr. Rajkumar Sharma, Finance Officer, Prof. Monisha Dhiman, Director IQAC and Prof. Sanjeev Kumar, Dean Student Welfare, formally

inaugurated the book exhibition by presenting books to school children. Prof. Tiwari, university officials and senior faculty members visited the book exhibition venue and reviewed the latest books on various subjects.

Speaking on this occasion, Prof. Raghavendra P. Tiwari, the Vice Chancellor, mentioned that the objective of this book exhibition is to provide an open platform for faculty and students to visit, choose, review, recommend and procure the recent editions of published books displayed by the vendors. He further added that such events would help to develop a culture of reading and intellectual curiosity among youngsters.

Faculty members, research scholars and students derived pleasure and satisfaction from being a part of the exhibition and recommended books for the library.



Meri Maati Mera Desh Activities

August 14, 2023: Central University of Punjab organizes Panch Pran Oath taking Ceremony as a part of "Meri Maati Mera Desh" Campaign

To celebrate the 76 years of completion of India's Independence and to pay homage to the nation's martyrs, the faculty and students at the Central University of Punjab gathered at the University Campus on Monday to participate in the Panch Pran Oath taking Ceremony of "Meri Maati Mera Desh" Abhiyaan. During this event, participants took selfies with the Tiranga and recited the Panch Pran Pledge.

"Meri Maati Mera Desh," with the tagline "Mitti ko naman, veeron ka vandan," is a nationwide people-led "Jan bhagidari" initiative to celebrate the many achievements of the nation and pay tribute to the 'bravehearts' who protect our nation.

At the beginning of the event, Vice-Chancellor Prof. Raghavendra P. Tiwari inaugurated the campaign by distributing soil from Village Ghudda to the participants and applying a Tilak of soil on the foreheads of students, faculty and staff members. He emphasized that the Meri Maati Mera Desh program is an initiative to

pay tribute to the 'Veers' who safeguard our nation. After this, Vice-Chancellor Prof. Tiwari administered the Panch Pran Pledge to the university fraternity and inspired them to put their efforts into nourishing our mother earth and honouring our brave hearts.



CU Punjab fraternity taking Panch Pran Pledge

All the participants took an oath to work towards developing and making India self-reliant by 2047, eliminating remnants of a colonial mind set, celebrating our heritage, fostering unity, respecting those who protect the country, and fulfilling their duties as citizens.

October 12, 2023: Central University of Punjab organizes Amrit Kalash Yatra under 'Meri Maati Mera Desh' Campaign

The Central University of Punjab organized an Amrit Kalash Yatra under 'Meri Maati Mera Desh' Campaign on Thursday to instill a sense of patriotism among citizens. The event conducted under the leadership of Prof. Raghavendra P. Tiwari, Vice-Chancellor, CUPB, was attended by distinguished persons of Ghudda Village including Shri Karamjit Singh, Pradhan, Gurudwara Prabandhak Committee, Smt. Seema Rani, Sarpanch, Village Ghudda and local residents. Faculty, officers, staff and students of CUPB along with residents and school children of Government Primary School, Village Ghudda actively

participated in this event.

During this programme, the faculty, staff and students of CUPB assembled at the University Main Entrance Gate. On this occasion, Prof. Raghavendra P. Tiwari, Vice-Chancellor, administered the Panch Pran Pledge to the participants. All attendees took an oath to work towards making India self-reliant by 2047 as envisioned by Hon'ble Prime Minister Shri Narendra Modi, eliminating remnants of a colonial mindset, celebrating our heritage, fostering unity, respecting those who protect the country, and fulfilling their duties as citizens. After



Vice-Chancellor Prof. Raghavendra P. Tiwari leading the Amrit Kalash Yatra along with University fraternity

the Oath Ceremony, the participants collected maati brought by students and faculty members from nearby villages into Amrit Kalash.

Subsequently, members of CUPB fraternity and residents of Village Ghudda enthusiastically participated in Amrit Kalash Yatra, which commenced from Central University of Punjab and concluded at Government Primary School, Village Ghudda (GPS Ghudda). The teachers and students of GPS Ghudda warmly received Kalash Yatra participants. The University



Group Photo of School Children along with Participants of Amrit Kalash Yatra

students educated the school children about significance of this yatra and Meri Maati Mera Desh Campaign. Prof. Tiwari then handed over these Amrit Kalash to the Sarpanch of Village Ghudda for the purpose for creation of 'Amrit Vatika' with a view to pay homage to India's brave heroes. The 'Meri Maati Mera Desh' program aspires to emotionally connect every individual, family, and citizen with the idea of creating a great India. Prof. Tiwari along with other dignitaries distributed sweets to school children acknowledging their participation. Over 350 individuals attended this memorable event.

October 21, 2023: Special lecture “Amrit Kaal Vimarsh” by Prof. K.C. Agnihotri held at Central University of Punjab

The Central University of Punjab under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari organized a lecture on Amrit Kaal Vimarsh. The distinguished speaker of this lecture was Prof. Kuldip Chand Agnihotri, Former Vice-Chancellor of the Central University of Himachal Pradesh, an eminent academician and a member of various academic bodies.

During the event, Prof. K.C. Agnihotri emphasized that the term "Amrit" has been utilized in our ancient scriptures and by the tenth Sikh Guru Sri Guru Gobind Singh ji in the medieval times to foster a fearless approach to fighting against oppression and serving mankind. The goal of 'Amrit Kaal Vimarsh' is to inspire youngsters to transform India into a developed nation where the benefits of development reach every corner and every citizen as the



Vice-Chancellor Prof. Raghavendra P. Tiwari felicitating the Chief Guest Prof. K.C. Agnihotri

country celebrates its 100 years of independence in 2047.

Prof. Agnihotri discussed the history of Akhand Bharat, stating that the Sapta Sindhu region, which was a golden trade route in ancient times, has faced invasions from Arabs, Turks, and Mughals. However, it was British rule that weakened us financially and detached us from our own

Indian Knowledge System by imposing the Macaulay Education System in 1835, which forced everyone to learn in English. He argued that the British not only attempted to divide Akhand Bharat but also dominated our mindset, as we continue to prefer Western thoughts and philosophy even after gaining independence.

Prof. Agnihotri referred to Babasaheb Ambedkar's famous books "Who Were Shudras" and "Castes in India" to argue that castes and gotras in our society should not be seen as a dividing line between people. A deeper understanding of the same would help us realize that there are same gotras in different castes, indicating unity.

He urged everyone to take an oath to reunite our society and nation by 2047.

In his presidential address, Prof. Raghavendra P. Tiwari, the Vice-Chancellor, emphasized that Bharatiya Philosophy and Wisdom have always guided us to adopt a sustainable lifestyle. He encouraged youngsters to become enlightened by our Ancient Knowledge System and adopt the Bharatiya mindset to find solutions to societal problems. This way, we can make Bharat AtmaNirbhar by 2047.

Faculty, research scholars and students from different departments enthusiastically attended this programme.



Workshops, Conferences and Symposia

August 4-8, 2023: Central University of Punjab successfully organized One-Week National Workshop on KOHA OSLs Library Management System

The Central University of Punjab successfully organized a one-week National Workshop on 'KOHA OSLs – An Open-Source Library Management System' from August 4 to 8, 2023, in a hybrid mode. Under the guidance of Vice-Chancellor Prof. Raghavendra P. Tiwari, the Department of Library and Information Sciences orchestrated the valedictory ceremony of the workshop on Tuesday. Prof. Aditya Tripathi, the Head of the Department of Library and Information Science at Banaras Hindu University, Varanasi, graced the event as the Chief Guest.

At the outset, Dr. Bhaw Nath Pandey, Workshop Coordinator, Head of the Department of Library & Information Sciences, and Dean of the School of Information and Communication Studies, welcomed the attendees during the valedictory session. He mentioned that the workshop had successfully achieved its objective of enhancing capacity building on KOHA-OSLS, as it drew in 93 participants, including faculty members, research scholars, and librarians from various universities.

During the workshop report presentation, Dr. Florance Guite shared that the workshop comprised 10 sessions delivered by two experts, Shri Vinod Kumar Mishra, Assistant Librarian at NIT Rourkela, and Shri Hemant Kumar Biswal, Assistant Librarian at IIT Kharagpur. The diverse topics covered during these sessions included an overarching view of Koha and its intricate system configuration, insights into the Acquisitions Module within Koha, an in-depth exploration of Cataloging using MARC 21 tags for new records, the process of creating new patron accounts, the establishment of journal records, the intricacies of electronic resource management & the customization of the Web OPAC and ERM, effective circulation management strategies, techniques for barcode and member card creation, as well as guidance on the creation of reading lists. Additionally, the participants were provided a glimpse into the anticipated future developments in Koha.

The Chief Guest of the Valedictory session, Prof. Aditya Tripathi, praised the organizing team for hosting a workshop

centered around a meaningful theme. He emphasized the pivotal role of open-source software in modern library management and encouraged all participants to actively implement the insights gained from the workshop by integrating KOHA OSLS into their respective institutions.

In her concluding remarks, Prof. Monisha Dhiman, Director of IQAC, shed light on the workshop's substantial contribution in cultivating an ecosystem for library automation. She further highlighted its role in enhancing the capacity of library professionals, faculty, and scholars in the

field of Library and Information Sciences, in using the world-renowned open-source software for Library Management, KOHA OSLS.

During the feedback session, the participants from across the country voiced their gratitude to the organizing team for facilitating the opportunity to attend the workshop. They expressed how the hands-on training on KOHA OSLS had empowered them significantly. Towards the end, Dr. Rishabh Shrivastava thanked everyone, who contributed to the overwhelming success of the program.

August 11, 2023: Central University of Punjab organized a Seminar cum Awareness Session on Pediatric Rare Genetic Disorders

The Central University of Punjab, under the patronage of Vice-Chancellor, Prof. Raghavendra P. Tiwari, successfully conducted a Seminar cum Awareness Session on Pediatric Rare Genetic Disorders (PRaGeD), aimed at fostering knowledge and understanding of these intricate medical conditions. The central goal of the seminar was to enlighten the academic community, medical practitioners, and the general public about the pediatric rare genetic disorders. During this programme distinguished guest speakers including Dr. Prashant Chhabra, Pediatric Hemato-Oncologist, AIIMS Bathinda, and Dr. Pamil Bansal, SMO, CHC Sangat, shared their insights. Notable personalities like Dr. Inderjit Khurana, Pediatrician, SDH Hospital, Ghudda and Smt. Seema Rani, Sarpanch, Village Ghudda graced the programme as the Guests of Honour. Parents of Pediatric Rare Genetic Disorders affected children from Bathinda Region assembled at CUPB to learn about the latest medical advancements and take expert guidance.

In her welcome address, Prof. Anjana Munshi, Director Research and Development and Project In-Charge for PRaGeD, highlighted that CU Punjab is one of 18 centres across India working under the Government of India's Mission Programme on Pediatric Rare Genetic

Disorders. The program aimed to provide aid to affected families with expert guidance and advanced testing facilities.

Dr. Prashant Chhabra, in his interaction with the participants, revealed that approximately 35 crore people across the world are affected by Pediatric Rare Genetic Disorders, out of which 9 crore people are from India. He underlined that, although there are 7000-8000 rare diseases, less than 5% have therapies available to treat them. He emphasized on the significance of early diagnosis in disease management, and importance of intervention techniques to reduce the likelihood of passing on such diseases to the next generation.

Dr. Inderjit Khurana discussed genetic mechanisms of rare disorders and the importance of accurate diagnosis for effective management and intervention.



Group Photo of CUPB Officials and Invited Speakers

Dr. Pamil Bansal emphasized the pivotal role of a healthy environment and diet in mitigating the threat of rare diseases. She urged farmers to refrain from using pesticides or chemicals on their lands, as these substances can indirectly impact the food chain and human health.

In his presidential address, Vice-Chancellor, Prof. Raghavendra P. Tiwari, asserted that children with PRaGeD are the gift of nature, and this is humane society's responsibility to provide good care to them.

He stressed that research for social welfare can only be possible when the 'Land-to-Lab' Model is adopted, and researchers should conduct research focusing on problems of society.

After the deliberations by guest speakers, parents got an opportunity to discuss their queries with medical experts and get their child examined during the special OPD Session.

August 19, 2023: IIC and CU Punjab Research and Development Foundation organized National Symposium and Ideathon 3.0 to Commemorate India's G-20 Presidency

In a fervent display of India's commitment to fostering innovation and entrepreneurship during its G-20 Presidency, the Institutions' Innovation Council (IIC) and the CU Punjab Research and Development Foundation orchestrated a one-day National Symposium under the banner "Celebrating India's Presidency of the G20: Unveiling India's focus on Innovation and Entrepreneurship to Enable Start-up Ecosystem." The symposium aimed to shed light on India's efforts to integrate innovation and entrepreneurship into the core agenda of the G20 presidency. In conjunction with the symposium, the university also organized Ideathon 3.0, an innovation challenge, to catalyze creative solutions and inspire transformative ideas.

Distinguished speakers spanning various sectors, including experts in incubation, intellectual property rights (IPR), start-up promotion, and academia, congregated to explore the pivotal role of innovation in shaping a dynamic and sustainable global economy.

The inaugural speaker of this programme Dr. Atharva Poundarik, Faculty Incharge, IIT Ropar Technology Business Incubator Foundation, delivered an insightful discourse on "Nurturing Start-ups in a Higher Education Institute: Opportunities and Challenges." Dr. Poundarik underscored that incubating start-ups

within Higher Education Institutes enables them to scale up their laboratory-based R&D and innovation, generate additional revenue, job creation, and the establishment of a strong alumni network. He also highlighted how incubation at HEIs facilitates start-ups in leveraging campus R&D facilities and receiving expert guidance from faculty mentors in their respective disciplines, in addition to seed funding support.

The subsequent speaker Prof. Kashmir Singh, Coordinator, DST-Centre for Policy Research, IPR Chair-Professor, Panjab University delved into Start-ups policies to promote Entrepreneurship. Prof. Singh pointed out that just after the inception of Start-up India Programme in 2016, Indian Startup Ecosystem has witnessed exponential growth, currently ranking 3rd globally in terms of Start-Up ecosystem and the number of Unicorns. He further stated that Science, Technology and Innovation Policy (STIP) 2020 of India aims to position India among the top three scientific superpowers in the next decade by building a 'people centric' STI and Innovation ecosystem in India.

The Invited speakers Mr. Vijay Vaishampayan, Co-founder Think4Innovation, Ms. L.H. Bhavani, Co-founder of Ancient Foods India and a self-help group from the district of Bathinda

shared successful start-up ventures incubated within their premises and deliberated on strategies to transform potent ideas into successful start-ups with the potential of becoming Unicorns.

A distinctive aspect of the program was Ideathon 3.0, an engaging innovation challenge, wherein 18 participants from various schools, colleges, and universities ideated and proposed solutions addressing real-world issues, such as LifeFuel medical drones, organic incense sticks, One-Click Agro, RFID UNO, and more. The participants presented their ideas and prototypes before jury members. Dr. Sabyasachi Senapati, convener and program coordinator presented the brief report of the Ideathon 3.0 and announced the results. Dr. Nikhil Rajan from AIIMS, Bathinda, Ms. Nidhi and Mr. Abhishek R. Panigrahi from CUP, Bathinda secured the first, second and third place respectively in Ideathon 3.0.

The event commenced with a warm

welcome address by Dr. Yogalakshmi K.N Dr. Preeti Khetarpal, IIC Convener and IPR Activity Coordinator, provided a succinct overview of the IIC's operational framework. Dr. Surjeet S. Dhaka elucidated the initiatives undertaken by the CU Punjab R&D Foundation, while Dr. Sandeep Kaur elaborated on the initiatives under the Start-Up India initiative.

In his closing remarks, Dr. J.K. Patnaik, Vice-President of IIC, emphasized that this programme underlines India's commitment to elevating innovation and entrepreneurship as vital drivers of economic growth and development. He thanked everyone for making this programme a success.

The event was graced by the presence of Prof. Monisha Dhiman, President of IIC, Prof. Raj Kumar, Chairman, IPR Cell. Faculty, research scholars, and students of the university attended this programme.



Group Photo of Participants and Organizers during the National Symposium

September 7, 2023: Central University of Punjab organized One Day Symposium on Understanding Immune Tolerance and Its Loss From Bench to Clinical Implications

The Central University of Punjab, under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari, organized a one-day symposium titled "Understanding Immune Tolerance and Its Loss: From Bench to

Clinical Implications."

At the beginning of the event, Dr. Baljinder Singh, Head of the Department of Biochemistry, extended a warm welcome to

the speakers, faculty members, and students, emphasizing the importance of such gatherings in maintaining the momentum of teaching and learning activities. Subsequently, Dr. Manju Jain, the Event Coordinator, provided an overview of the symposium.

Prof. Anjana Munshi, Director of the Research and Development Cell, addressed the audience, emphasizing the need for collaborative research efforts between academic institutions and medical centers to develop projects that are tailored to the needs of the region and have tangible outcomes in the field of higher education in Punjab.

The symposium featured four lectures focused on the significance of immune tolerance and the consequences when tolerance mechanisms fail. Prof. Gitanjali, Head of the Department of Biochemistry at AIIMS, Bathinda, and Dr. Manju Jain from the Central University of Punjab delivered lectures covering the basic understanding of immune mechanisms that distinguish between self and non-self, along with the immunopathology of various autoimmune

diseases.

Dr. Shivani Bansal, Assistant Professor in the Department of Dermatology at AIIMS Bathinda, discussed various autoimmune skin diseases and highlighted the research gaps that need to be addressed for improved disease management and treatment.

The fourth lecture of the day was delivered by Dr. Gaurav Sharma, Assistant Professor in the Department of Translational and Regenerative Medicine at PGIMER, Chandigarh. He elaborated on the significance of monitoring Hematopoietic Stem Cell Transplants and its clinical implications for patient care.

Each lecture was followed by open sessions that facilitated meaningful interactions among students and faculty members.

Towards the conclusion of the program, Dr. Ravindresh Chhabra, Assistant Professor in the Department of Biochemistry, CU Punjab, expressed formal gratitude and delivered a vote of thanks to all the participants.



September 12-19, 2023: Central University of Punjab organised Eight-day "Microscopy Karyashala: From Start to High-end Research Applications"

An eight-day workshop entitled "Microscopy Karyashala: From Start to High-End Research Applications" commenced at the Central University of Punjab (CU Punjab) on 12.09.23. The Department of Biochemistry, CUPB, along with the Central Instrumentation Laboratory, CUPB, the Dept. of Zoology, CUPB and the Department of Pathology, AIIMS, Bathinda organized this workshop under the aegis of the DST-SERB "Accelerate Vigyan Scheme" from 12th to 19th September, 2023.

During the inaugural session, Prof. R.K. Wusirika, Dean In-charge Academics, welcomed the participants. He mentioned that microscopy applications can be useful to researchers of different disciplines. This workshop aimed to provide hands-on training to PG and Ph.D students in different applications of microscopy in

various areas of research.

Dr. Manju Jain, Programme Convener, mentioned that only 27 candidates were selected for this workshop out of a total of 622 students from universities, colleges, and research institutes. The selected candidates got training on different microscopy modules, viz. light microscopy with its variations, Fluorescence & Confocal microscopy and Electron Microscopy.

On the first day of this workshop, two lecture sessions were held wherein Dr. Manoj Manna, Application Specialist, Leica and Dr. Manjit Kaur, Additional Professor, AIIMS, Bathinda, deliberated on the themes of Basics of Microscopy and different imaging modalities and Fundamentals of Tissue Processing and Histopathological techniques, respectively. After this, participants got hands-on training on

Paraffin Embedded Sample Processing.

The other invited speakers who shared their views in this workshop include Dr. Santosh Chauhan, Scientist E, ILS Bhubaneswar, Odisha; Dr. Prashant S. Alegaonkar, Associate Professor, Dept. of Physics, CUP; Dr. Krishan Kanta Halder, Assistant Professor, Dept. of Chemistry; Dr. Satya Srinivas, Application Specialist, Zeiss; Dr. Sunil Singh, Assistant Professor, Dept. of Zoology, CUP; Dr. Anirban Bose Application Specialist, Olympus Medical Systems; Dr. Manju Jain, Assistant Professor, Dept. of Biochemistry, CUP; Dr. Perinbam Kumar,

Structural Biologist, Thermo Fisher Scientific; Dr. Somenath Ghatak, Application Specialist, Zeiss; Mr. Superno Gupta, Thermo Fisher Scientific and Dr. Puneet Kumar, Thermo Fisher Scientific.

During this eight-day workshop, the participants will learn instrument details and working, sample processing, protocols and reagent selection, data acquisition and interpretation, trouble shooting for each modality through invited lectures and open sessions for one-to-one interaction. The concluding session of this programme was held on September 19, 2023.



Group Photo of Programme Organizers

September 21-22, 2023: Workshop on Capacity Building for E-Content/MOOCs Development held at CU Punjab

The Central University of Punjab, led by Prof. R.P. Tiwari, Vice-Chancellor, achieved a significant milestone with the successful organization of a two-day Workshop on Capacity Building for E-Content/MOOCs Development from September 21 to 22, 2023. The University's Internal Quality Assurance Cell (IQAC) hosted this workshop. Around 93 Faculty members and research scholars from Central University of Punjab and various higher education institutions in the Bathinda region attended this programme.

Prof. Rajender Mishra, a distinguished

personality with a rich background as the Ex-Director of IMC, MANUU Hyderabad, and a retired Research Scientist from UGC-CEC, New Delhi, was the invited speaker of this workshop. He provided comprehensive training to the participants on E-Content/MOOCs Development.

Over the course of the program Prof. Rajinder Mishra briefed about future directions in e-content development, various types of e-content, designing MOOCs, script writing for e-content development, importance of voice modulation in audio-visual content, utility

of incorporating multimedia elements in teaching-learning process, and usage of technology in curriculum delivery. He stressed that lectures should be delivered through e-content and classrooms should be utilized as a discussion forum for resolving doubts of students.

The two-day workshop featured six informative sessions covering E-Content Creation, Instructional Design, Platform Utilization, Effective Pedagogical Strategies, Practical Approaches in E-Content Development, Identifying the Right Technology, Writing for E-Learning, the Importance of Script for Video Component, and Publishing Content on MOOCs and SWAYAM. These sessions were met with enthusiastic participation from attendees.

In the valedictory session, Prof. Monisha Dhiman, Director of IQAC, presented the workshop report. She highlighted that the

workshop had achieved its objective of empowering the participants with the skills and knowledge required for designing and developing e-content across various subjects.

In his presidential address, Prof. R.K. Wusirika, Dean Incharge Academics, expressed his delight at the workshop's success. He emphasized the university aims to adopt innovative educational approaches to enhance the quality of online learning resources. He expressed optimism that the participants would leave the workshop equipped with enriched knowledge and practical insights, thereby contributing to the advancement of online education in the region and beyond.

Towards the end of valedictory session, Prof. P.K. Mishra, Head, Dept. of Economic Studies, expressed gratitude towards the invited speaker and delivered a formal vote of thanks.



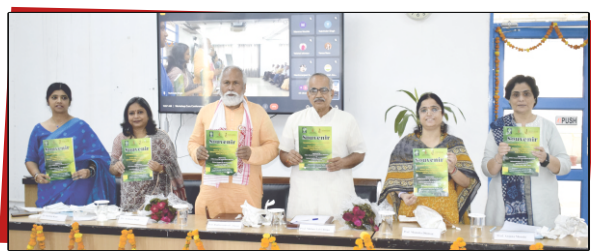
Group Photo of Participants and Organizers of Workshop

September 27-28, 2023: ICSSR-NIHSS sponsored International Workshop-cum-Conference, titled "Women, Innovation, and Entrepreneurship: Possible Lessons from India and South Africa" held at CU Punjab

The Department of Economic Studies at the Central University of Punjab, in collaboration with the Indian Council of Social Science Research and the National Institute for the Humanities and the Social Sciences, successfully organized the ICSSR-NIHSS sponsored two-day International Workshop-cum-Conference, titled "Women, Innovation, and Entrepreneurship: Possible Lessons from

India and South Africa" on September 27th and 28th, 2023. Over 200 students, research scholars, and faculty members from CU Punjab and various Higher Education Institutions (HEIs) in the Bathinda region are participating in this international conference.

During the inaugural session, Vice-Chancellor Prof. Tiwari along with Prof.



Vice-Chancellor Prof. Raghavendra P. Tiwari and distinguished guests Unveiling Souvenir of the Conference

Mohan Lal Chhipa (Former Vice Chancellor, Atal Bihari Vajpayee Hindi Vishwavidyalaya), Dr. Archana Singh (Chairperson, Centre for Social Entrepreneurship, Tata Institute of Social Sciences, Mumbai), Dr. Sandeep Kaur (Organizing Secretary, Associate Professor, Department of Economic Studies and Dean, School of Social Sciences), and university officials unveiled the Conference Souvenir.

The keynote speaker, Dr. Archana Singh, while speaking on the topic of social entrepreneurship and women, said that social entrepreneurship is a dynamic concept where business models are used to solve social and environmental problems. She underlined that women's participation in social entrepreneurship is important as it promotes gender equality, economic empowerment and positive social change.

Prof. Mohan Lal Chhipa, the Chief Guest, spoke on Social Entrepreneurship and India, highlighting its pivotal role in addressing pressing societal issues in India, such as poverty, education, healthcare, and environmental sustainability. He discussed innovative models and strategies employed by Indian social entrepreneurs to create positive social impact while sustaining their ventures.

In his presidential address, Prof. Raghavendra P. Tiwari said that this program will inspire the youth, especially women, to move forward on the path of social entrepreneurship to solve social problems and achieve sustainable development goals.

On the first day of the conference, Dr. Tshepang Mosiea (Director, Department of Science and Innovation) delivered an insightful online lecture, sharing

experiences of Social Innovators from South Africa.

The second day featured lectures by Dr. Nageswara Rao Ambati (Dean, Research and Publication Division, Gujarat National Law University) and Prof. KJ Joseph (Director, Gulati Institute of Finance & Taxation) on pertinent topics related to innovation and entrepreneurship.

The conference hosted a compelling panel discussion, where distinguished speakers from around the world shared their perspectives on Social Entrepreneurship and Women. The panel discussion featured following Eminent speakers Dr. Mike Snowden (Senior Lecturer, Public Health Lead, University of Huddersfield); Robert J Bell (CEO, Graydon Lloyd Business Development Advisor, KADME); Dr. Jamie P. Halsall (Reader, Dept. of Behavioral & Social Science, University of Huddersfield); Prof. Roopinder Oberoi (Dept. of Political Science, University of Delhi); and Dr. Ernest Christian Winful (Accounting & Finance Department, Accra Technical University).

During the valedictory session, Dr. Sandeep Kaur, the Organizing Secretary, presented a comprehensive program report. She highlighted that the workshop provided a platform for scholars and educators from India and South Africa to discuss ways to promote Social Entrepreneurship among young individuals and enhance women's participation in the nation's development. The Chief Guest of the Valedictory Session, Dr. Sagar Kisan Wadkar (Advisor, Research and Study, National Cooperative Union (NCUI)), shared experiences from Social Innovators in India. On this occasion, the Technology Innovation Agency, South Africa, has announced an award of ZAR 65000 (Rs. 2.8 Lakh nearly) to Dr. Sandeep Kaur for development of Social Innovation Model and Co-publication of Social Innovation Book and Research Paper. Towards the end, Dr. Sandeep Kaur thanked the sponsored agency and expressed her gratitude to the Hon'ble Vice Chancellor for inspiring her to undertake these events.

October 3-9, 2023: Workshop on Spectroscopic Techniques Using Sophisticated Instruments-2 held at CU Punjab

A One-week National workshop on Spectroscopic Techniques Using Sophisticated Instruments-2 was organized at the university campus from October 3-9, 2023 at Central University of Punjab, Bathinda under the patronage of Prof. Raghavedra Prasad Tiwari, Vice-Chancellor. The workshop is sponsored by DST-SERB under the Karyshala scheme of Accelerate Vigyan DST SERB New Delhi. More than 300 students applied for the workshop however only 25 candidates were selected for this week-long program. Dr. Vinod Kumar, associate professor in the Department of Chemistry and convener of the workshop introduced the 7-Day program of the workshop to the audiences and delegates. Dr. Virender Singh introduced various achievements of the Chemistry Department with the delegates. Professor Vinod Kumar Singh, a renowned scientist and administrator from the Department of Chemistry, IIT Kanpur, was the chief guest of the event and delivered a key note inaugural address in the workshop. His talk was focused on the impact of his research work during the last three decades in the field of asymmetric synthesis. He shared his invaluable research experience with the budding researchers and provided important tips to be a successful researcher.

Professor Ramakrishana Wusirika, Dean Incharge Academics summarized the keynote address, discussed the facilities available to students in Central Instrument

Laboratory for their research endeavours and encouraged all the participants to fully engage and grasp the intricacies of every instrument and equipment introduced during the workshop. He stressed the importance of maximizing their understanding to enhance their knowledge and effectively apply it to their research endeavours.

On the first day of conference, talks on very important topics for the budding researchers were organized. Dr. J.N. Babu delivered a talk on "Good Lab Practice" for optimized working and quality documentation in research laboratory. Dr. Rakesh Kumar delivered a talk on Intellectual Property Rights (IPR) to educate the delegates about the importance of IPR in protecting economic interests. In the last session of the day Dr Bhupinder Singh delivered a talk on Plagiarism in scientific writing and effective ways to prevent it while writing dissertation and research articles.

This workshop provided access to cutting-edge resources and state-of-the-art equipment, creating an environment where the delegates can learn through hands on session on various instruments in the field of chemical sciences. This access to sophisticated instruments and facilities will not only enhance their understanding of scientific principles but also inspire them to pursue groundbreaking research in the future.

November 16, 2023: ICSSR sponsored National Seminar on "Understanding the Coverage of India in Foreign Media" begins at Central University of Punjab on National Press Day

On the occasion of National Press Day, a two days ICSSR sponsored National Seminar titled "Understanding the coverage of India in Foreign Media: The Biases, Challenges, Threats, and Opportunities" commenced at the Central University of Punjab. The Dept. of Mass Communication and Media Studies at CU

Punjab, under the patronage of Vice-Chancellor, Prof. Raghavendra P. Tiwari, is organizing this programme scheduled for November 16—17, 2023.

The inaugural session was graced by distinguished personalities from academia and the media fraternity. Sh. Hitesh



Photo Collage of Glimpses of Event

Shankar, Editor in Chief, Panchjanya, New Delhi and Prof. (Dr) K.G. Suresh, Vice-Chancellor, Makhanlal Chaturvedi National University of Journalism and Communication (MCMUJC), Bhopal, Madhya Pradesh graced the occasion as the Chief Guest and the Keynote Speaker, respectively. Prof. (Dr) Kamlesh S. Duggal, Senior Professor of Journalism (Rtd.) Guru Nanak Dev University and OSD, GNDU College, Jalandhar attended the programme as the special guests. In addition to the above, Prof (Dr.) Ram Mohan Pathak, Former Vice Chancellor, Dakshin Bharat Hindi Prachar Sabha, Chennai and Sh. Anurag Punetha, Media Coordinator, IGNSA participated as the Guest of Honour in this session.

In the beginning, participants and distinguished guests observed a two-minute silence in memory of beloved Prof. Tarun Arora, who passed away due to sudden cardiac arrest.

At the outset, Dr. Rubal Kanozia, Seminar Convener and Assistant Professor, Dept. of MCMS, CU Punjab, extended a warm welcome to the participants and introduced the programme theme. He highlighted that as one of the fastest growing economies

globally, India has become a major player in the global arena and has been actively scrutinized by foreign media. Often, these foreign media outlets portray a negative image of India influenced by biases and propaganda. Dr. Kanozia emphasized that in response to this, the Indian government is implementing certain measures, such as monitoring foreign media coverage, refining messaging, and bolstering the country's diplomacy. This seminar aims to provide a platform for discussing the biases, challenges, threats, and opportunities associated with countering foreign media bias against India.

Sh. Hitesh Shankar, the Chief Guest, stated that Western media has consistently portrayed third-world countries from their own perspective, aiming to establish supremacy and carry forward their hegemony. He emphasized the influence of the echo chamber effect created by biased reporting, suggesting that fact-checking foreign media content is essential to debunk propaganda.

While delivering the keynote address, Prof. (Dr.) K.G. Suresh emphasized that although Western media biases have increased in the past few decades, the Indian Government has effectively countered them through soft diplomacy. This has been achieved by providing assistance to neighboring countries and other developing nations during crises, aligning with the principles of Vasudhaiva Kutumbakam and Sarve Bhavantu Sukhinah. Prof. Suresh urged Indian Media Houses to disseminate information in line with our national interests and to champion territorial integrity. He delved into the global distribution of information through transnational news agencies, highlighting our continued dependence on Western-owned news syndicates. Prof. Suresh underscored the necessity of creating an Indian Global Media Platform to accurately present Bharat's image to the world.

Prof. (Dr) Kamlesh S. Duggal, the Special Guest of the programme, shed light on the role of Canada based Punjabi Media in fostering patriotic spirit and supporting the freedom movement before independence. Despite the commercialization of Canada based Punjabi Media post-independence, it continued patriotic character and efforts to connect Indian-origin families to their

culture. Prof. Duggal suggested that the Indian diaspora's contributions in journalism could mark a significant impact in timely debunking biases in foreign media channels.

Prof. (Dr.) Ram Mohan Pathak, the Guest of Honour of the programme, pointed out that western media in the intent to control the global dialogue has introduced embedded journalism and paparazzi. He gave examples of subjective reporting by international media houses during crucial events, encouraging participants to be active audiences and counter Western media bias on social media platforms.

Sh. Anurag Punetha, another Guest of Honour, discussed India's stance on global conflicts and its image as a nation supporting peace and prosperity. He highlighted India's impact on the global stage in space, telecommunications, economic growth, and other areas. Punetha emphasized the effective communication strategies of the Ministry of Foreign Affairs, influencing Western media journalists to

recognize India's potential in solving global issues.

In his presidential address, Prof. Raghavendra P. Tiwari, the Vice-Chancellor, stated foreign media biases could only be rectified when we see ourselves with the Bharatiya mindset. He further underscored that improvement would be realized when Indian correspondents provide authentic information to their foreign counterparts, and Indian intellectuals contribute by publishing their write-ups in foreign media. Prof. Tiwari acknowledged the escalating incidents of sensationalism, overdose, and biases in news reporting, leading to a gradual dilution of objectivity over time. Consequently, he highlighted the discussions in this seminar would be meaningful for policymakers, media researchers, citizens, and most significantly, stakeholders in both foreign and Indian media outlets.



November 17, 2023: Two days ICSSR sponsored National Seminar on "Understanding the Coverage of India in Foreign Media" concludes at Central University of Punjab



Photo Collage of Glimpses of Event

A two days ICSSR Sponsored National Seminar titled "Understanding the coverage of India in Foreign Media: The Biases, Challenges, Threats, and Opportunities" concluded at Central University of Punjab with the meaningful and interactive valedictory session on Friday. The event brought together media personalities, eminent educationists, researchers, and learners, who deliberated on various sub-themes, emphasizing the importance of evaluating India's coverage

in foreign media to comprehend biases and devise counter strategies.

The valedictory session commenced with the welcome address by Prof. R.K. Wusirika, Dean Incharge Academics. Dr. Rubal Kanozia, Seminar Convener, presented a concise report, stating that this National Seminar included 29 paper presentations by faculty and research scholars across three technical sessions. The discussions highlighted the primary factor behind the significant influence of

Western media content, attributing it to the higher interaction rate on their news content by individuals in our country. This phenomenon can be observed on social and digital media platforms. Such engagement has empowered Western media giants to sustain their narrative of negatively portraying India.

The keynote speaker of the valedictory session was Professor Baldev Bhai Sharma, Vice-Chancellor of Kushabhau Thakre National University of Journalism and Mass Communication in Raipur, Chhattisgarh. Prof. Sharma highlighted that throughout history, our greatest social thinkers, reformers, and saints have consistently guided us to adopt a human-centric approach rooted in the values of the Bharatiya knowledge system. Despite this, there exists a tendency to perceive Western thoughts as superior and standardized, even when these are self-centric. Professor Baldev Bhai Sharma stressed that this preference for Western ideologies empowers Western media to perpetuate their supremacy by portraying a negative image of India. Prof. Sharma urged journalists to embody the soul of Bharatiya journalism by promoting our society's strengths and bolstering national integrity along with providing authentic information.

The Chief Guest of the valedictory session, Prof. B.K. Kuthiala, Eminent Professor, Former VC, MCU Bhopal and Former Chairman Haryana State Higher Education Council, Haryana, commended the organizers for choosing an out of the box topic. While emphasizing the significance of communication beyond media platforms, he pointed out that, despite foreign media's consistent efforts to portray a negative image of India, we should recognize the substantial contribution of

image of India, western intellectual the Indian diaspora to their economy. The nation's progress in the last few decades has prompted international researchers to explore India's strong potential to become a global soft power by the end of this decade. Prof. B.K. Kuthiala asserted that Indian media professionals should comprehend the science of dialogue through Upanishads and enhance their credibility on the global stage by adhering to the principles of truthfulness, objectivity, and communication for social upliftment.

In his presidential address, Prof. Raghavendra P. Tiwari, Vice-Chancellor, CU Punjab, highlighted that our ancient scriptures are repositories of profound knowledge, consistently guiding us towards a sustainable lifestyle and spiritual empowerment. However, due to detachment from our own culture and the Westernization of our thoughts, we are unable to recognize that the seemingly innovative humane ideas, often credited to the West, were actually formulated by our ancestors during the ancient Indic civilization. Consequently, it is imperative for us to return to our Bharatiya practices, and media journalists could play a crucial role in promoting the all-encompassing nature centric development discourse inherent in our sanatan culture. This approach aims to counteract the western culture centric biases perpetuated by foreign media.

Towards the end, Dr Bhaw Nath Pandey, Dean, School of Information and Communication Studies, delivered formal vote of thanks.

November 23-24, 2023: Central University Organized Two-Day NMR Workshop in Collaboration with JEOL India Pvt Ltd

The Central Instrumentation Laboratory (CIL) at Central University, Bathinda, organized a successful "Two-day NMR workshop" on 23rd – 24th November 2023 in collaboration with JEOL India Pvt Ltd. This workshop aimed to explore current research trends in NMR Spectroscopy, showcasing the latest developments and

advancements in NMR research technology.

The workshop provided a platform for 30 students from the local and nearby regions to delve into advanced frontier and emerging areas of NMR spectroscopy. In the inaugural session, Prof. Raj Kumar, FRSC, Professor in Dept. of PSNP & Incharge of

CIL, welcomed participants and highlighted the importance of these workshops in creating awareness about the cutting-edge research facilities available at Central University.

Dr. Vikas Jaitak, Assistant Professor in Dept. of PSNP, emphasized the significance of NMR spectroscopy in pharmaceutical and chemistry research during the inaugural address. The session concluded with Dr. JN Babu expressing gratitude to JEOL India Pvt Ltd for their support. Mr. Srinivasa Poojary, Application Specialist from NMR at JEOL India, delivered insightful talks on NMR Spectroscopy and provided comprehensive training sessions on the JEOL 600MHZ NMR equipment available at CIL, CUP. Participants were encouraged to bring their own samples for analysis.

On the second day, Prof. Yusuke Nishiyama from JEOL Pvt Ltd, a pioneer scientist in solid-state NMR spectroscopy, shared insights on expanding NMR capability to rigid solids and electron diffraction in solid-state NMR.

The workshop also included training on the JEOL JASON software by Mr. Srinivasa Poojary, enabling chemists to analyze NMR spectroscopy data effectively.

Dr. JN Babu concluded the event by expressing gratitude to the speakers and CIL staff for their efforts in making the workshop a success. He highlighted the importance of participant feedback for future workshops and commended the technical officers, Dr. Sumeer Razdan and Dr. Rabindra Kumar, for their contributions.

← ◆ ◆ ◆ ◆ →

November 29, 2023: Central University of Punjab commemorates 554th Parkash Purab of Sri Guru Nanak Dev Ji by hosting a One Day Seminar on "Guru Nanak Dev's Bani and World Vision."

The Central University of Punjab commemorated the 554th Prakash Purab of Sri Guru Nanak Dev Ji by hosting a One Day Seminar titled 'Guru Nanak Dev's Bani and World Vision'.

In this seminar, the Chief Guest, Prof. Karamjeet Singh, Vice-Chancellor of Jagat Guru Nanak Dev Punjab State Open University, Patiala, and Keynote Speaker Dr. Manjinder Singh, Head, School of Punjabi Studies at Guru Nanak Dev University, Amritsar, shared insights into the universal relevance of Baba Nanak's teachings in all times.

Presenting the keynote address at the seminar, Dr. Manjinder Singh challenged the conventional criteria used to interpret the personality of Guru Nanak and his Bani. He advocated for comprehending Gurbani based on insights derived from Gurbani itself, transcending western conceptual frameworks. Furthermore, Dr. Singh emphasized that Guru Nanak and his Bani should not be confined within the boundaries of history, geography, or temporal constraints. According to him, Guru Nanak's vision transcends these limitations and embodies the essence of Adi Sachh. Dr. Singh asserted that Baba Nanak is a Jagat Guru and his vision extends to encompass universal cosmic consciousness. Dr. Singh discussed three

models: variety without unity, unity without variety, and unity with variety. He emphasized that Guru Nanak Bani incorporates an element of unity in diversity. This inherent aspect guides us to appreciate and respect diverse viewpoints while encouraging harmonious coexistence with nature.

The Chief Guest Prof. Karamjeet Singh emphasized that the solution to the contemporary crisis can be found in Gurbani. In the current situation of global turbulent environment, wherein humanity is suffering on a large scale, the relevance of Gurbani has increased. He said that epistemological consciousness in Guru Nanak Bani can only liberate man from crises. Therefore, at present, there is a need to reconsider the scriptures and adopt them in life. He underlined that the world would become more peaceful when we start living our lives following the path of Gurbani i.e. truth, contentment, universal love, equality, fraternity and justice. Both the speakers of the seminar emphasized that there is an important need to put the knowledge of Guru Nanak Bani into practice.

On this occasion, Vice-Chancellor Prof. R.P. Tiwari and distinguished guests released the Book "SUDI KSHA – A Tribute

to Sri Guru Nanak Dev Ji" publication by Central University of Punjab. The Chief Editors of this Book are Prof. Harpal Singh Pannu and Prof. Kuldip Singh. This Book includes 18 articles by experts from CU Punjab and other universities.

In his presidential address Prof. Raghavendra P. Tiwari, the Vice-Chancellor, stated that Guru Nanak Bani is relevant at all times as it gives us the solution to the problems of our society. Therefore, we need to take guidance from Gurbani for social reforms and universities have to play an important role in this

aspect. Currently, Punjab is facing problems including drugs, youth migration etc., and to combat these it is necessary to imbibe Gurbani and make it a part of our daily lives.

Earlier, at the beginning of the seminar, the head of the Punjabi department, Dr. Ramanpreet Kaur welcomed the guests and introduced the topic of the seminar. Dr. Amandeep Singh introduced the guests and moderated the stage. Dr. Vipin Pal Singh gave a formal vote of thanks towards the end of the programme.



CU Punjab Vice-Chancellor Prof. Raghavendra P. Tiwari and distinguished guests releasing Book SUDI KSHA - A Tribute to Sri Guru Nanak Dev Ji

Invited Lectures

August 27, 2023: Central University of Punjab organized a lecture on Indian Knowledge Tradition in the light of NEP-2020

To promote awareness about India's profound heritage of knowledge systems and the NEP-2020 transformative vision, the Central University of Punjab organized an invited lecture on the topic of "Indian Knowledge Tradition in the light of NEP-2020: An Overview. The programme was conducted by the Department of South and Central Asian Studies under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari. The invited speaker of this programme was Prof. Pawan Kumar Sharma, HoD, Dept. of Political Science, CCS University, Meerut.

The program was initiated with a warm welcome extended by Dr. Nishitha Kaushiki, Head of the Department and Dean of the School of International Studies. This was followed by the introduction of invited speaker by Prof. Bawa Singh.



Prof. Pawan Kumar Sharma

Prof. Pawan Kumar Sharma, known for his expertise in Indian philosophy and educational reforms, began his lecture by highlighting the significance of traditional Indian knowledge systems in shaping the nation's cultural and intellectual fabric. Drawing attention to the four Vedas - Rigveda, Yajurveda, Samaveda, and Atharvaveda - he illuminated how these ancient scriptures have guided India's ancient civilization to transform as a knowledge-centric society that had made notable strides in science, technology, and other domains. He also talked about the advanced economic system of the Indus Valley Civilization wherein its citizens practiced agriculture, domesticated animals, made sharp tools and weapons from copper, bronze, and tin, and traded with other cities. Prof. Sharma stated that several historical records validate this fact that India was one of the largest economies in the world from between the 1st and 18th centuries.

Addressing the historical shift, Prof. Sharma highlighted that introduction of Macaulay's education system in 1835 by

Britishers has distanced us from our ancient knowledge traditions and made us slaves to a colonial mindset. Prof. Sharma mentioned that the National Education Policy 2020 has provided an opportunity to reintegrate our ancient knowledge traditions in our society as it focuses on holistic education, experiential learning, education in mother tongue language, multidisciplinary, and skill development. He concluded his talk by stating that proper implementation of NEP-2020 could actualize our vision of making India Vishwaguru once again, as NEP-2020 has given equal importance to traditional knowledge systems and futuristic technology.

On this occasion Prof. R.K. Wusirika, expressed his gratitude toward Prof. Sharma for delivering an enlightening lecture. Towards the end, Dr. Santosh Kumar gave a formal vote of thanks. Faculty, research scholars and students attended this programme.



September 4, 2023: Central University of Punjab organized an invited lecture on Growth Story of National Fertilizer Limited

In an admirable initiative aimed at promoting knowledge exchange and industry insights, the Central University of Punjab (CUPB) hosted an engaging lecture entitled "The Growth Story of National Fertilizer Limited." The event, held on September 4, 2023, brought together a diverse audience comprising students, faculty, and professionals across various disciplines, providing a unique opportunity to delve into the extraordinary journey of one of India's leading fertilizer companies. The distinguished invited speaker for this program was Mr. V.K. Goel, Executive Director of National Fertilizer Limited (NFL).

Mr. V.K. Goel initiated the lecture by offering a comprehensive overview of NFL's

inception and its pivotal role in the Indian agricultural sector. He underscored NFL's significant contributions in meeting the nation's fertilizer requirements and its unwavering commitment to sustainable agricultural practices. Attendees gained valuable insights into the company's remarkable growth spanning over four decades and its evolution into a dynamic, forward-thinking organization. Moreover, Mr. Goel explored global fertilizer market trends, shedding light on how Indian firms like NFL can navigate international markets and contribute to the nation's export capabilities. Drawing from his extensive industry experience, Mr. Goel addressed the evolving landscape of the fertilizer industry. He discussed the

challenges posed by environmental concerns and stressed the imperative for companies to embrace eco-friendly practices.

During the event, Prof. R.P. Tiwari, the Vice-Chancellor, reiterated CUPB's enduring commitment to fostering a culture of learning and knowledge dissemination. Such lectures, he noted, serve as a crucial bridge between academia and industry, offering students invaluable real-world insights and providing professionals with opportunities to share their expertise.

Dr. Anand Thakur, Dean of the School of Management, expressed his heartfelt gratitude to the invited speaker and university authorities. He commended the faculty from the Department of Financial



Vice-Chancellor Prof. Raghavendra P. Tiwari felicitating NFL Executive Director Shri V.K. Goel

Administration for the seamless execution of the program and extended his thanks to all who contributed to the event's success. Faculty members, research scholars, and students from various departments actively participated in this enlightening program.

September 9, 2023: CU Punjab organized an Invited Lecture on "Education for Nation Building and Global Citizenship" by Prof. D.P. Singh

The Central University of Punjab, under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari, organized an enlightening lecture titled "Education for Nation Building and Global Citizenship." The invited speaker of this programme was Prof. D.P. Singh, former Chairperson, University Grants Commission. Prof. D.K. Singh, Director AIIMS, Bathinda also graced the occasion as a special guest.

During his insightful lecture, Prof. D.P. Singh delved into the multifaceted aspects of education that contribute to nation-building and the development of global citizens. He underscored the importance of nurturing a well-rounded education system that not only imparts knowledge but also instils values, ethics, and a sense of responsibility towards society and the world. Prof. Singh stressed that education should foster critical thinking, creativity, and a global perspective to prepare individuals to tackle the challenges of the 21st century.

Prof. Singh highlighted India's rich heritage, democratic values, and peaceful coexistence despite socio-cultural diversities. He referenced the idea of Vasudhaiva Kutumbakam and the teachings of Swami Vivekananda to highlight the pivotal role of education in nation-building. He also cited the words of wisdom of Sikh Sant Attar Singh Ji and Pandit Madan Mohan Malviya to emphasize the transformative power of universities in shaping young minds into global citizens. Prof. Singh stated that the Guru Parampara of the Sikh religion teaches us the values of equality, kindness, and compassion. He stressed on the importance of blending ancient wisdom with modern science to impart true holistic education to our youth.

Furthermore, Prof. Singh discussed India's nation-building efforts during its G20 Presidency, emphasizing the role of global cooperation in promoting economic growth,

addressing global challenges, and supporting sustainable development. He also highlighted the significance of the National Education Policy 2020 (NEP-2020) in advocating for Global Citizenship Education (GCED), aiming to make learners aware of and understand global issues while promoting peace, tolerance, inclusivity, and sustainability. This aligns with the United Nations' sustainable development goals for education in the 2030 agenda.

Prof. Singh elaborated on the Educational Framework for Global Citizenship in Higher Education formulated by the UGC, aligned with NEP-2020 and the SDGs. This framework enables higher education institutions to integrate the concept of Global Citizenship among learners through teaching, pedagogy, and research, with a focus on developing problem-solving, critical thinking, creativity, and other essential skills. He concluded his talk by urging HEI to earnestly implement GCED.

In his presidential address, Prof. Raghavendra P. Tiwari, the Vice-



Vice-Chancellor Prof. Raghavendra P. Tiwari felicitating Prof. D.P. Singh, Former Chairperson, UGC

Chancellor, expressed his profound gratitude towards Prof. D.P. Singh for delivering this enlightening lecture. He reiterated the Central University of Punjab's unwavering commitment to providing quality education that contributes to shaping responsible global citizens.

The programme commenced with a warm welcome by Prof. Monisha Dhiman, Director IQAC. Prof. R Wusirika, Dean Incharge Academics, introduced the keynote speaker. Prof. B.P. Garg, Controller of Examinations and Registrar (I/c), gave a formal vote of thanks.

September 22, 2023: Central University of Punjab organizes Expert Lecture on the "Impact of Gene and Environment on Brain Development: A Behavioural Perspective Using Transgenic Rat Model"

The Department of Human Genetics and Molecular Medicine at the Central University of Punjab organized an expert lecture titled "Impact of Gene and Environment on Brain Development: A Behavioral Perspective Using Transgenic Rat Model." The distinguished speaker for this program was Dr. Shashank Tiwari, a Scientist specializing in Behavioral Neuroscience at TGT-CREST, Kolkata. A total of 130 participants, including faculty, research scholars, and students, attended the event.

Dr. Shashank began his lecture by providing an overview of the field of neuroscience. He elucidated the intricate

interplay between genes and the environment in shaping brain development, which has become a captivating area of research. One of his specific research interests lies in investigating the impact of autism spectrum disorder (ASD) on brain development. Dr. Shashank and his research group have made pioneering strides by utilizing rat models to effectively study this phenomenon, marking a significant contribution to the global



Dr. Shashank Tiwari

scientific community. During his presentation, he underscored how inadequate nutrition during critical periods of brain development can detrimentally affect cognitive functioning and increase vulnerability to developmental disorders. Additionally, Dr. Tiwari emphasized the pivotal role of maternal care in shaping brain development and potentially modulating genetic predispositions for autism.

At the outset, Prof. Anjana Munshi, Head of the Department of Human Genetics and Molecular Medicine, extended a warm welcome to the participants. Thenafter, Dr. Suryanarayan Biswal introduced the keynote speaker Dr. Shashank Tiwari and highlighted the event's significance in terms of opening new avenues for the study of brain development and its future prospects. The program concluded with a Vote of Thanks delivered by Dr. Preeti Khetarpal.

Swachhata Pakhwada 2023 Activities

September 19, 2023: Central University of Punjab launches Swachhata Pakhwada 2023 to foster a culture of cleanliness

The Central University of Punjab, Bathinda (CUPB) under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari, celebrated Swachhata Pakhwada 2023 from September 19, 2023 to October 3, 2023 with a series of events. As a part of these celebrations, a Swachhata Pledge Ceremony was conducted at the university on Tuesday which was attended by students and faculty members from different departments.

During this event, faculty, staff and students, led by Prof. B.P. Garg, Controller of Examinations and Registrar (I/c), took a pledge to maintain cleanliness in their surroundings and contribute to the Swachh Bharat Abhiyaan. On this occasion, participants took an oath to devote two hours per week to voluntary cleanliness work while at the same time aiming to add more volunteers for the cause.

While addressing the participants, Prof. B.P. Garg emphasized the significance of cleanliness across diverse Indian cultures. He deliberated on Mahatma Gandhi's exhortation that 'Cleanliness is next to Godliness' and elaborated on Prime Minister Mr. Narendra Modi's vision for the



COE & Registrar (I/c) Prof. B.P. Garg administering Swachhata Pledge to CUPB students and employees

'Swachh Bharat Abhiyan'. He urged the faculty members and students to help maintain cleanliness in the department and spare some time to promote the message of cleanliness in society.

As a part of Swachhata Pakhwada Celebrations 2023, the university plans to raise awareness about cleanliness among the youth by organizing various activities over the next two weeks. These activities include a poster making competition, a plantation drive, a cleanliness campaign and an awareness lecture aimed to foster a culture of cleanliness.

September 30, 2023: Central University of Punjab organized series of events to mark Swachhata Pakhwada 2023

The Central University of Punjab, Bathinda (CUPB), under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari, organized a series of events to observe Swachhata Pakhwada 2023 from September 19, 2023 to October 3, 2023.

The Swachhata Pakhwada 2023 celebrations commenced with a Swachhata Pledge Ceremony on September 19, 2023, during which faculty, staff, and students took a pledge to maintain cleanliness in their surroundings and contribute to the Swachh Bharat Abhiyaan.

As part of the Swachhata Pakhwada Celebrations 2023, the university organized several events, including a poster-making competition, a plantation drive, and a cleanliness campaign aimed at fostering a culture of cleanliness.



Students participating in Poster Making Competition

During the Poster Making and Slogan Writing Competitions held on September 21, 2023, students showcased beautiful posters and slogans to raise awareness against "Plastic Pollution."

In the plantation drive held on September 23, faculty and students, led by Vice-Chancellor Prof. Raghavendra P. Tiwari, planted tree saplings inside the campus.

Additionally, CUPB employees and NSS Volunteers, led by Prof. B.P. Garg, Controller of Examinations and Registrar (I/c), participated in a cleanliness drive held inside the campus on September 27, 2023. NSS Volunteers conducted cleanliness drive in several other locations on the university campus on September 29-30, 2023. Their commitment to creating a cleaner, greener, and more beautiful campus was commendable.



Group Photo of CUPB Employees and NSS Volunteers after Cleanliness Drive

October 1, 2023: Central University of Punjab organized Swachhata Hi Sewa Cleanliness Drive at Village Ghudda

In a dedicated effort to promote cleanliness among youngsters and pay tribute to the Father of the Nation, Mahatma Gandhi, the Central University of Punjab, under the patronage of Vice-Chancellor Prof. R.P. Tiwari, participated in the Nationwide Cleanliness Drive as part of the Swachhata Hi Sewa Jan Andolan 2023 – Ek Tareekh Ek Ghanta Swachhata Shramdaan Abhiyaan.

On this occasion, students, faculty, and staff members of CUPB, led by Prof. B.P. Garg, Controller of Examinations, and Registrar (I/c), along with residents of Village Ghudda, led by Sarpanch Ms. Seema Rani, gathered at Baba Ghudda Samadhi Sthal, Village Ghudda. Everyone actively participated in the Swachhata Shramdaan on 1st October 2023, from 10:00 am to 11:00 am.

In addition to cleaning the ground area of Samadhi Sthal, participants diligently collected waste and plastic litter from the lawns. The young participants displayed great enthusiasm for cleaning their surroundings and engaging in community service. During the event, Prof. B.P. Garg emphasized that this initiative embodies the spirit of Swachhata hi Seva, highlighting the importance of collective efforts to protect our environment and make our Earth cleaner and more

sustainable for all.

Approximately 110 participants, including NSS Volunteers, students, faculty, staff members, and safai karamcharis of the university, along with residents of Village Ghudda, actively took part in this Swachhata Shramdaan Abhiyaan. The Swachhata Hi Seva 2023 campaign has clearly reignited the spirit of voluntarism and community participation among the masses.



Swachhata Hi Sewa Campaign



Central University of Punjab fraternity participating in Cleanliness Drive under Swachhata Hi Sewa Campaign held at Village Ghudda (October 1, 2023)



Hindi and Punjabi Section

15 सितम्बर, 2023 पंजाब केन्द्रीय विश्वविद्यालय में हिंदी पखवाड़ा-2023 का उद्घाटन समारोह आयोजित

हिंदी दिवस के सुअवसर पर पंजाब केंद्रीय विश्वविद्यालय, बठिंडा (सीयूपीबी) में राजभाषा कार्यान्वयन समिति और हिंदी विभाग के संयुक्त तत्वावधान में हिंदी पखवाड़ा 2023 (14-29 सितम्बर, 2023) का उद्घाटन समारोह आयोजित किया गया।

हिंदी दिवस एवं हिंदी पखवाड़ा उद्घाटन समारोह में कुलपति आचार्य राघवेंद्र प्रसाद तिवारी मुख्य अतिथि के रूप में सम्मिलित हुए। उन्होंने सभी को हिंदी दिवस की शुभकामनाएं दी और छात्रों को हिंदी पखवाड़ा के अंतर्गत आयोजित की जाने वाली विविध हिंदी गतिविधियों और प्रतियोगिताओं में सक्रिय भागीदारी हेतु प्रेरित किया। उन्होंने कहा कि भारत, विविध भाषाओं का देश रहा है, दुनिया के सबसे बड़े लोकतंत्र की भाषाओं की विविधता को एकता के सूत्र में पिरोने का नाम 'हिंदी' है। हिन्दी भाषा राष्ट्रीय एकता और सद्भावना की डोर को निरंतर मजबूत करती रहेगी। आचार्य तिवारी ने हिंदी भाषा के व्यंजनों एवं स्वरों की वैज्ञानिक विधि को रेखांकित किया और हिंदी भाषी क्षेत्र के विद्यार्थियों से गैर हिंदी भाषी क्षेत्र के विद्यार्थियों को हिंदी भाषा से अवगत कराने तथा उनकी भाषा को सीखने का अनुरोध किया।

इस कार्यक्रम में विश्वविद्यालय के विद्यार्थियों ने सिख मूल मंत्र 'इक ओंकार' का सिमरन किया। तदुपरांत उन्होंने कबीरदास, तुलसी दास, सूरदास, बिहारी, भारतेन्दु हरिश्चन्द्र, महावीर प्रसाद द्विवेदी, मुंशी प्रेमचंद, भवानी प्रसाद मिश्र सरीखे हिंदी साहित्य के प्रसिद्ध लेखकों की रचनाओं का पाठ किया। इस अवसर पर परीक्षा नियंत्रक एवं कार्यवाहक कुलसचिव आचार्य बी. पी. गर्ग ने प्रतिभागियों को हिंदी के प्रचार-प्रसार में योगदान देने के लिए प्रोत्साहित किया।

कार्यक्रम के आरंभ में हिंदी विभाग के विभागाध्यक्ष डॉ. राजेन्द्र कुमार सेन ने प्रतिभागियों का औपचारिक अभिनंदन करते हुए विषय पर प्रकाश डाला। हिंदी अधिकारी श्री रूपेंद्र शर्मा ने हिंदी दिवस पर माननीय केंद्रीय गृह मंत्री जी द्वारा जारी किए गए संदेश का वचन किया। डॉ. कुलभूषण शर्मा ने मंच संचालन किया और औपचारिक धन्यवाद ज्ञापन दिया। इस कार्यक्रम में विश्वविद्यालय के शिक्षकों, अधिकारियों, शोधार्थियों और छात्रों ने भाग लिया।



हिंदी पखवाड़ा-2023 के उद्घाटन समारोह में सम्मिलित प्रतिभागियों और आयोजकों का समूह चित्र

27 सितम्बर, 2023: पंजाब केन्द्रीय विश्वविद्यालय में "राजभाषा कार्यान्वयन में कंप्यूटिंग उपकरणों के अनुप्रयोग" विषयक राजभाषा कार्यशाला का आयोजन

पंजाब केन्द्रीय विश्वविद्यालय में माननीय कुलपति प्रो. राघवेंद्र प्र. तिवारी के संरक्षण और राजभाषा कार्यान्वयन समिति के तत्वावधान में दिनांक 27 सितम्बर, 2023 को 'राजभाषा कार्यान्वयन में कंप्यूटिंग उपकरणों का अनुप्रयोग' विषयक एक राजभाषा कार्यशाला आयोजित की गई, जिसमें नगर राजभाषा कार्यान्वयन समिति (न.रा.का.स.) बठिंडा के अंतर्गत केंद्र सरकार के विभिन्न बैकों/कार्यालयों/विभागों के कर्मचारियों सहित विश्वविद्यालय के शिक्षकों, कर्मचारियों, शोधार्थियों और छात्रों ने भाग लिया। इस कार्यशाला में विश्वविद्यालय के हिन्दी विभाग के संकाय सदस्यों और हिन्दी अधिकारी द्वारा कार्यशाला विषय पर प्रशिक्षण प्रदान किया गया।

कुलपति प्रो. राघवेंद्र प्रसाद तिवारी ने अपने अध्यक्षीय उद्बोधन में राजभाषा हिन्दी के प्रचार-प्रसार को इंगित करते हुए कहा कि राष्ट्रीय शिक्षा नीति 2020 में मातृभाषा में शिक्षण-अधिगम का प्रावधान किया गया है। उन्होंने बताया कि भविष्य में कोई भी विद्यार्थी हिन्दी अथवा अपनी क्षेत्रीय भाषा में अध्ययन कर सकेंगे। उन्होंने प्रतिभागियों को विभिन्न भाषाओं में उपलब्ध ज्ञान भंडार का लाभ लेने हेतु अधिक से अधिक भाषाओं को सीखने तथा इस प्रकार की कार्यशालाओं के माध्यम से कार्यालयीन कार्यों में हिन्दी का प्रचार-प्रसार करते रहने हेतु प्रेरित किया।

कार्यशाला के प्रथम सत्र में हिन्दी विभाग के विभागाध्यक्ष डॉ. राजेंद्र कुमार सेन ने राजभाषा हिन्दी पर प्रौद्योगिकी का प्रभाव पर प्रकाश डाला। उन्होंने रेखांकित किया

कि कोई भी भाषा बड़ी या छोटी नहीं होती है, प्रत्येक भाषा की अपनी वैज्ञानिकता होती है। उन्होंने बताया कि हमें विभिन्न सरकारी रिपोर्टों में हिन्दी पत्राचार की प्रगति की यथास्थित प्रस्तुत करनी चाहिए ताकि तदनुसार योजना बनाते हुए इस प्रकार की कार्यशालाओं के माध्यम से हिन्दी कार्यों में प्रगति लाई जा सके।

डॉ. कुलभूषण शर्मा ने राजभाषा पर विस्तारपूर्वक चर्चा की और इसका इतिहास साझा करते हुए कहा कि आजादी से पूर्व अंग्रेजी शासन के दौरान सरकारी कामकाज में अंग्रेजी का बोलबोला होने के कारण आजादी के बाद राजभाषा हिन्दी में कार्यालयीन पत्राचार की स्थिति आरम्भ में चिंताजनक थी, लेकिन अब सरकारी कर्मचारियों में हिन्दी में कार्य करने की मानसिकता बढ़ी है। उन्होंने राजभाषा विभाग, गृह मंत्रालय द्वारा जारी वार्षिक कार्यक्रम के अनुसार राजभाषा हिन्दी में कार्य करने के निर्धारित लक्ष्यों के बारे में सभी सहभागियों को विस्तार से बताया। और इन लक्ष्यों को प्राप्त करने में सहयोग करने का अनुरोध किया।

कार्यशाला के द्वितीय सत्र में हिन्दी अधिकारी श्री रूपेंद्र शर्मा ने प्रतिभागियों को प्रायोगिक प्रशिक्षण दिया, जिसके अंतर्गत सभी प्रतिभागियों ने गूगल इनपुट टूल्स, बोल कर टाइप करने, लिखित टेक्स्ट को बोल कर सुनाने और चैट-जीपीटी के बारे में विस्तृत जानकारी प्राप्त की। इस सत्र के दौरान सभी प्रतिभागियों ने विभिन्न कंप्यूटिंग उपकरणों पर स्वयं कार्य करते हुए अनुभवजन्य ज्ञान प्राप्त किया। कार्यशाला का समापन हिन्दी अधिकारी द्वारा धन्यवाद ज्ञापन के साथ हुआ।

29 सितम्बर, 2023: पंजाब केन्द्रीय विश्वविद्यालय में हिन्दी पखवाड़ा का समापन समारोह आयोजित

पंजाब केन्द्रीय विश्वविद्यालय बठिंडा में कुलपति आचार्य राघवेंद्र प्रसाद तिवारी के संरक्षण एवं मार्गदर्शन में राजभाषा कार्यान्वयन समिति तथा हिन्दी विभाग के संयुक्त तत्वावधान में 14 से 29 सितम्बर, 2023 तक आयोजित हिन्दी पखवाड़ा 2023 एक विशेष कार्यक्रम के साथ संपन्न हुआ। शुक्रवार को आयोजित हुए समापन समारोह के दौरान हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय, धर्मशाला के कुलाधिपति पद्मश्री आचार्य हरमहेन्द्र सिंह बेदी बतौर मुख्य अतिथि के रूप में सम्मिलित हुए।

अपने उद्बोधन में आचार्य हरमहेन्द्र सिंह बेदी जी ने कहा कि दुनिया में 75 करोड़ से अधिक लोग हिन्दी भाषा का उपयोग कर रहे हैं और इस लिए हिन्दी भारत ही नहीं दुनिया भर की सबसे अधिक बोले जाने वाली भाषाओं में से एक है। उन्होंने बताया कि स्वामी विवेकानंद, हिन्दी साहित्य के कवियों और आजादी के उपरांत भारत सरकार के प्रयासों के कारण पिछली एक शताब्दी से हिन्दी भाषा को सीखने के प्रति पाश्चात्य जगत में जिज्ञासा बढ़ी है। इसी कारण आज 155 देशों में छात्र हिन्दी भाषा में अध्ययन कर रहे हैं।

अध्यक्षीय उद्बोधन में कुलपति आचार्य राघवेंद्र प्रसाद

तिवारी ने मुख्य अतिथि के प्रति आभार व्यक्त करते हुए कहा कि हिन्दी भाषा भारत के विभिन्न राज्यों के लोगों को जोड़ने के लिए एक संपर्क भाषा के रूप में कार्य करती है और हम सभी को हिन्दी भाषा को दुनिया की संपर्क भाषा बनाने की दिशा में निरंतर प्रयासरत रहना होगा। उन्होंने सभी से अपनी मातृभाषा में निपुणता हासिल करने और अन्य भाषाओं को सीखने के लिए प्रोत्साहित किया।

इस समापन समारोह के दौरान कुलपति आचार्य राघवेंद्र प्रसाद तिवारी ने पद्मश्री आचार्य हरमहेन्द्र सिंह बेदी जी द्वारा रचित 'अध्यापक पूर्ण सिंह के हिन्दी निबंध' और पानी का सपना (काव्य संकलन) शीर्षक की दो पुस्तकों का लोकार्पण किया।

इस अवसर पर कुलपति आचार्य राघवेंद्र प्रसाद तिवारी और विशिष्ट अतिथियों ने हिन्दी पखवाड़ा के अंतर्गत आयोजित की गई विभिन्न प्रतियोगिताओं के विजेताओं को सम्मानित किया। हिन्दी पखवाड़ा में आयोजित हुई कंप्यूटरीकृत हिन्दी-लिपिकीय कौशल प्रतियोगिता में ऋषिकेश शर्मा, स्वरचित हिन्दी प्रचार-वाक्य लेखन प्रतियोगिता में सदानंद कुमार चौधरी, हिन्दी में संस्मरण लेखन प्रतियोगिता में ऋत्विक् कुलकर्णी, कार्यालयीन हिन्दी अनुवाद-सह-शब्दावली प्रतियोगिता में डॉ. सुरजीत ढाका, हिन्दी मुहावरों,

लोकोक्तियों व चौपाइयों की अंत्याक्षरी प्रतियोगिता में तुलसी टीम, स्वरचित कविता गायन अथवा मुक्त व्यंग्य मंच प्रतियोगिता में सोनाली शर्मा, विश्वविद्यालय की हिंदी शोधपत्रिका हेतु लोगो डिजाईन प्रतियोगिता में अरविन्द शर्मा तथा नुक्कड़ नाटक प्रतियोगिता में पंजाब केन्द्रीय विश्वविद्यालय और एसएसडी महिला महाविद्यालय, बठिंडा की टीम ने संयुक्त रूप से प्रथम पुरस्कार प्राप्त किया। विश्वविद्यालय के हिंदी विभाग ने विजेताओं के नाम घोषित किए।



पुस्तकों के लोकार्पण का दृश्य



कुलपति आचार्य तिवारी और मुख्य अतिथि नुक्कड़ नाटक के विजेताओं को सम्मानित करते हुए

5 नवंबर, 2023: पंजाब केंद्रीय विश्वविद्यालय में 'सतत विकास लक्ष्य और डॉ. आंबेडकर' विषय पर विशेष व्याख्यान का आयोजन

पंजाब केंद्रीय विश्वविद्यालय में सामाजिक न्याय एवं अधिकारिता मंत्रालय की ओर से स्थापित मानवाधिकार एवं पर्यावरणीय मूल्य केन्द्रित डॉ. आंबेडकर चेयर द्वारा 'डॉ. आंबेडकर गल' कार्यक्रम आयोजित किया गया। इस अवसर पर महाराजा गंगा सिंह विश्वविद्यालय, बीकानेर के कुलपति एवं पंजाब केंद्रीय विश्वविद्यालय के कार्यपरिषद सदस्य प्रो. मनोज दीक्षित विशिष्ट अतिथि के रूप में सम्मिलित हुए। इस कार्यक्रम की अध्यक्षता विश्वविद्यालय के कुलपति प्रो. राघवेन्द्र प्रसाद तिवारी ने की।

अपने अभिभाषण में प्रो. दीक्षित ने कहा कि सतत विकास लक्ष्य का सीधा सम्बन्ध डॉ. आंबेडकर के विचारों से जुड़ा है क्योंकि उन्होंने जिन वर्गों की बात की वे दमित लोग थे, ज़रूरतमंद लोग थे। मेरी दृष्टि में डॉ. आंबेडकर सच्चे मायने में राष्ट्रनायक हैं। उन्होंने एसडीजी लक्ष्यों के उन पहलुओं पर अपने विचार रखे जिसका संबंध डॉ. आंबेडकर के विचारों से सीधे जुड़े हुए हैं। प्रो. मनोज दीक्षित जी ने कहा कि कोई भी देश हथियारों के बल पर विश्वगुरु नहीं बन सकता, वह विश्वगुरु ज्ञान के बल पर बन सकता है।

कार्यक्रम के अध्यक्ष विश्वविद्यालय के कुलपति प्रो. राघवेन्द्र प्रसाद तिवारी ने अपने अध्यक्षीय उद्बोधन में कहा कि विश्वविद्यालय में सामाजिक न्याय एवं अधिकारिता मंत्रालय की ओर से स्थापित डॉ. आंबेडकर चेयर का उद्देश्य समाज में डॉ. आंबेडकर के विचारों का प्रचार-प्रसार करना

है।

उन्होंने चेयर प्रोफ़ेसर डॉ. कन्हैया त्रिपाठी और असिस्टेंट चेयर प्रोफ़ेसर डॉ. अश्विनी कुमार द्वारा आयोजित डॉ. आंबेडकर गल कार्यक्रम की प्रशंसा की और अपनी शुभकामनाएं प्रदान करते हुए कहा कि विश्वविद्यालय द्वारा डॉ. आंबेडकर के विचारों को जन-जन तक हम ले जाएंगे, विशेष रूप से क्लाइमेट चेंज जैसी समस्या से निपटने के लिए हमें जन भागीदारी के साथ-साथ नए अभिनव समाधान खोजने होंगे।

आंबेडकर गल कार्यक्रम का शुभारंभ डॉ. आंबेडकर चेयर के चेयर प्रोफ़ेसर डॉ. कन्हैया त्रिपाठी द्वारा दिए स्वागत भाषण के साथ हुआ। डॉ. त्रिपाठी ने कहा कि आज एसडीजी का लक्ष्य जीरो पावर्टी, जीरो हंगर और इकैलिटी है जिस पर दुनिया के देश विचार करें। जब हमारे सामने नई-नई चुनौतियां हैं तो डॉ. आंबेडकर के दर्शन की ओर विश्व देख रहा है। कार्यक्रम में मंच संचालन स्कूल ऑफ़ एजुकेशन के डीन डॉ. शंकर लाल बीका ने किया। इस अवसर पर वित्त अधिकारी प्रो. राजकुमार शर्मा, डॉ. भवनाथ पाण्डेय, डॉ. दीपक चौहान, डॉ. विपिन पाल सिंह, डॉ. रमनप्रीत कौर, डॉ. दीपक पाण्डेय, डॉ. राजकुमार यादव, डॉ. शमशेर ढिल्लों, डॉ. पानी, डॉ. सोमनप्रीत, डॉ. संदीप सिंह, डॉ. सुनील, डॉ. जस्सल, डॉ. कुलभूषण, डॉ. समीर, डॉ. अमित कुशवाहा, डॉ. परमवीर, डॉ. रूबल कन्नौजिया, डॉ. महेश

ਮੀਠਾ, ਡਾ. ਕੁਲੀਨ ਜੋਸ਼ੀ, ਡਾ. ਸ਼ਾਸ਼ਾਂਕ, ਡਾ. ਪਰਵਿੰਦਰ ਸਿੰਘ, ਡਾ. ਦੇਵਪ੍ਰਿਯ, ਡਾ. ਬ੍ਰਜੇਂਦਰ ਕੁਮਾਰ, ਡਾ. ਅਸ਼ਵਿਨੀ ਕੁਮਾਰ ਆਦਿ ਬੜੀ ਸੰਖਿਆ ਮੇਂ ਸ਼ੋਧ ਅਧਯੇਤਾ ਆਂ ਵਿਛਾਰਥੀਂ ਤਪਸਥਿਤ ਥੇ। ਕਾਰਯਕ੍ਰਮ

ਕੇ ਅੰਤ ਮੇਂ ਡਾ. ਅਸ਼ਵਿਨੀ ਕੁਮਾਰ, ਅਸਿਸਟੈਂਟ ਪ੍ਰੋਫ਼ੇਸਰ, ਡਾ. ਆਂਬੇਡਕਰ ਚੇਯਰ, ਨੇ ਸਬਕੇ ਪ੍ਰਤਿ ਧਨਯਵਾਦ ਜ਼ਾਪਿਤ ਕਿਆ।



ਪ੍ਰਤਿਆਗਿਯੋਂ ਕੋ ਸੰਬੋਧਿਤ ਕਰਦੇ ਹੁਏ ਪ੍ਰੋ. ਦੀਕ੍ਸ਼ਿਤ

7 ਸਤੰਬਰ, 2023: ਪੰਜਾਬ ਕੇਂਦਰੀ ਯੂਨੀਵਰਸਿਟੀ ਵਿੱਚ ਸ਼ਾਹ ਹੁਸੈਨ ਬਾਰੇ ਸ. ਸਰਬਪ੍ਰੀਤ ਸਿੰਘ ਦੇ ਨਵ-ਪ੍ਰਕਾਸ਼ਿਤ ਨਾਵਲ 'ਸੂਫੀ ਦੀ ਬੁਲਬੁਲ' ਬਾਰੇ ਵਿਚਾਰ ਚਰਚਾ ਦਾ ਆਯੋਜਨ

ਪੰਜਾਬ ਕੇਂਦਰੀ ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਪੰਜਾਬੀ ਵਿਭਾਗ ਵੱਲੋਂ ਅਮਰੀਕਾ ਵਸਦੇ ਪੰਜਾਬੀ ਲੇਖਕ, ਨਾਟਕਕਾਰ ਅਤੇ ਪੇਂਡਕਾਸਟਰ ਸ. ਸਰਬਪ੍ਰੀਤ ਸਿੰਘ ਦੇ ਨਵ-ਪ੍ਰਕਾਸ਼ਿਤ ਨਾਵਲ 'ਸੂਫੀ ਦੀ ਬੁਲਬੁਲ' (The Sufi's Nightingale) ਬਾਰੇ ਲੇਖਕ ਨਾਲ ਗੱਲਬਾਤ ਅਤੇ ਪੁਸਤਕ ਬਾਰੇ ਵਿਚਾਰ-ਚਰਚਾ ਕਰਨ ਲਈ ਇੱਕ ਪ੍ਰੋਗਰਾਮ ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ। ਸਰਬਪ੍ਰੀਤ ਸਿੰਘ ਇਸ ਤੋਂ ਪਹਿਲਾਂ ਸਿੱਖ ਇਤਿਹਾਸ ਸਬੰਧੀ 'ਸਿੱਖਾਂ ਦੀ ਕਹਾਣੀ 1469-1709' (The Story of the Sikhs 1469-1709), ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਦੇ ਦਰਬਾਰ ਬਾਰੇ 'ਫਿਲਾਡੈਲਫੀਆ ਦਾ ਉਠਾਂ ਦਾ ਵਪਾਰੀ' (The Camel Merchant of Philadelphia) ਅਤੇ ੧੯੮੪ ਦੇ ਸਿੱਖ-ਵਿਰੋਧੀ ਦੰਗਿਆਂ ਸਬੰਧੀ 'ਬੇਚੈਨ ਆਤਮਾਵਾਂ ਵਾਲੀ ਰਾਤ' (Night of the Restless Spirits) ਆਦਿ ਪੁਸਤਕਾਂ ਦੀ ਰਚਨਾ ਕਰ ਚੁੱਕੇ ਹਨ।

ਪ੍ਰੋਗਰਾਮ ਦੇ ਪਹਿਲੇ ਭਾਗ ਵਿੱਚ ਸ. ਸਰਬਪ੍ਰੀਤ ਸਿੰਘ ਨੇ ਆਪਣੀ

ਸਿਰਜਣ ਪ੍ਰਕਿਰਿਆ ਬਾਰੇ ਗੱਲ ਕਰਦਿਆਂ ਦੱਸਿਆ ਕਿ ਉਨ੍ਹਾਂ ਦੀ ਸਾਰੀ ਪੜ੍ਹਾਈ ਅਤੇ ਕੰਮਕਾਜ ਦਾ ਮੁੱਖ ਖੇਤਰ ਇੰਜਨੀਅਰਿੰਗ ਅਤੇ ਤਕਨਾਲੋਜੀ ਨਾਲ ਸਬੰਧਿਤ ਰਿਹਾ ਹੈ, ਪ੍ਰੰਤੂ ਅਮਰੀਕਾ ਵਿੱਚ ਲੰਮਾ ਸਮਾਂ ਰਹਿੰਦਿਆਂ ਉਹ ਆਪਣੇ ਵਿਰਸੇ, ਧਰਮ ਅਤੇ ਇਤਿਹਾਸ ਬਾਰੇ ਜਾਣਨ ਲਈ ਉਤਸੁਕ ਹੋਏ। ਉਨ੍ਹਾਂ ਨੇ ਮਹਿਸੂਸ ਕੀਤਾ ਕਿ ਪੰਜਾਬੀ ਪਰਵਾਸੀਆਂ ਦੀ ਅਗਲੀ ਪੀੜ੍ਹੀ ਆਪਣੇ ਵਿਰਸੇ ਤੋਂ ਟੁੱਟਦੀ ਜਾ ਰਹੀ ਹੈ ਅਤੇ ਇਸ ਵਿਰਸੇ ਨਾਲ ਨਾਤਾ ਬਣਾਉਣ ਲਈ ਉਨ੍ਹਾਂ ਦੀ ਭਾਸ਼ਾ ਵਿੱਚ, ਉਨ੍ਹਾਂ ਨੂੰ ਸਮਝ ਆਉਣ ਵਾਲੇ ਲਹਿਜ਼ੇ ਵਿੱਚ ਗੱਲਬਾਤ ਕਰਨੀ ਜ਼ਰੂਰੀ ਹੈ। ਇਸੇ ਉਤਸੁਕਤਾ ਵਿੱਚ ਹੀ ਉਨ੍ਹਾਂ ਦੀ ਸਿੱਖ ਇਤਿਹਾਸ ਬਾਰੇ ਪੇਂਡਕਾਸਟ ਅਤੇ ਪਹਿਲੀਆਂ ਕਿਤਾਬਾਂ ਨਿਕਲੀਆਂ। ਇਸੇ ਤਰ੍ਹਾਂ ਹੀ ਲਾਹੌਰ ਦੀ ਇੱਕ ਫੇਰੀ ਦੌਰਾਨ ਉਨ੍ਹਾਂ ਨੂੰ ਪੰਜਾਬੀ ਦੇ ਪ੍ਰਸਿੱਧ ਸੂਫੀ ਸ਼ਾਹ ਹੁਸੈਨ ਬਾਰੇ ਜਾਣਨ ਦਾ ਮੌਕਾ ਮਿਲਿਆ, ਜਿਸ ਦੇ ਸਿੱਟੇ ਵਜੋਂ ਹਥਲੀ ਕਿਤਾਬ 'ਸੂਫੀ ਦੀ ਬੁਲਬੁਲ' ਦੀ ਰਚਨਾ ਹੋਈ।

ਪ੍ਰੋਗਰਾਮ ਦੇ ਦੂਸਰੇ ਭਾਗ ਵਿੱਚ ਨਾਵਲ ਬਾਰੇ ਵਿਚਾਰ-ਚਰਚਾ ਦਾ ਹਿੱਸਾ ਬਣਦਿਆਂ ਦਸਮੇਸ਼ ਖਾਲਸਾ ਕਾਲਜ, ਸ੍ਰੀ ਮੁਕਤਸਰ ਸਾਹਿਬ ਦੇ ਪੰਜਾਬੀ ਵਿਭਾਗ ਦੇ ਮੁਖੀ ਅਤੇ 'ਦ ਮੁਕਤਸਰ ਡਾਇਲੋਗਜ਼' ਦੇ ਕਨਵੀਨਰ ਡਾ. ਲਖਵੀਰ ਸਿੱਧੂ ਨੇ ਕਿਹਾ ਕਿ ਸ਼ਾਹ ਹੁਸੈਨ ਦੀ ਸਖਸ਼ੀਅਤ ਦੀ ਬਹੁਪੱਖੀ ਪੇਸ਼ਕਾਰੀ ਦੇ ਨਾਲ-ਨਾਲ ਇਹ ਨਾਵਲ ਮੱਧਕਾਲੀ ਪੰਜਾਬ ਦੇ ਸਰਬ-ਸਾਂਝੇ ਸਭਿਆਚਾਰ ਦੀ ਬਹੁਤ ਖੂਬਸੂਰਤ ਤਸਵੀਰ ਪੇਸ਼ ਕਰਦਾ ਹੈ ਅਤੇ ਅਜਿਹੀਆਂ ਰਚਨਾਵਾਂ ਨੌਜਵਾਨ ਪੀੜ੍ਹੀ ਨੂੰ ਉਨ੍ਹਾਂ ਦੇ ਇਤਿਹਾਸ ਤੋਂ ਜਾਣੂ ਕਰਵਾਉਣ ਵਿੱਚ ਅਹਿਮ ਭੂਮਿਕਾ ਨਿਭਾਉਂਦੀਆਂ ਹਨ। ਇਸ ਮੌਕੇ ਅੰਗਰੇਜ਼ੀ ਵਿਭਾਗ ਤੋਂ ਡਾ. ਵਿਪਨ ਪਾਲ ਸਿੰਘ ਨੇ ਸੂਫੀਮਤ ਦੇ ਪੰਜਾਬੀ ਧਾਰਮਿਕ ਪਰਿਦ੍ਰਿਸ਼ ਤੇ ਪਏ ਅਸਰਾਂ ਬਾਰੇ ਮਹੱਤਵਪੂਰਨ ਸਵਾਲ ਉਠਾਏ ਅਤੇ ਪੰਜਾਬੀ ਵਿਭਾਗ ਦੇ ਡਾ. ਲਖਵੀਰ ਕੌਰ ਲੇਜ਼ੀਆ ਨੇ ਕਿਹਾ ਕਿ ਨਾਵਲਕਾਰ ਨੇ ਰਚਨਾ ਵਿੱਚ ਜਗ੍ਹਾ-ਜਗ੍ਹਾ ਤੇ ਸ਼ਾਹ ਹੁਸੈਨ ਦੀਆਂ ਕਾਫ਼ੀਆਂ ਦੀ ਵਰਤੋਂ ਕੀਤੀ ਹੈ, ਅਤੇ ਇਸ ਨਾਵਲ ਨੂੰ ਚੰਗੀ ਤਰ੍ਹਾਂ ਸਮਝਣ ਲਈ ਸ਼ਾਹ ਹੁਸੈਨ ਦੀਆਂ ਕਾਫ਼ੀਆਂ ਨੂੰ ਪੜ੍ਹਨਾ ਅਤੇ ਸਮਝਣਾ ਬਹੁਤ ਜ਼ਰੂਰੀ ਹੈ।

ਇਸ ਵਿਚਾਰ-ਚਰਚਾ ਵਿੱਚ ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਉਤਸ਼ਾਹ ਨਾਲ ਹਿੱਸਾ ਲਿਆ। ਅੰਗਰੇਜ਼ੀ ਵਿਭਾਗ ਦੀ ਪੀਐੱਚ.ਡੀ. ਖੇਜਾਰਥਣ ਮਮਤਾ ਨੇ ਨਾਵਲ ਦੀ ਪੜ੍ਹਨ-ਯੋਗਤਾ ਅਤੇ ਪਾਤਰ-ਚਿਤਰਨ ਦੀ ਪ੍ਰਸੰਸਾ ਕੀਤੀ ਅਤੇ ਖੇਜਾਰਥਣ ਅਨੁਸ਼ਾ ਹੇਗੜੇ ਨੇ ਕਿਹਾ ਕਿ ਇਸ ਨਾਵਲ ਨੂੰ ਪੜ੍ਹਨ ਸਦਕਾ ਉਹਨਾਂ ਨੂੰ ਸ਼ਾਹ ਹੁਸੈਨ ਬਾਰੇ ਪਹਿਲੀ

ਵਾਰ ਜਾਣਨ ਦਾ ਮਹੱਤਵਪੂਰਨ ਮੌਕਾ ਮਿਲਿਆ। ਇਸੇ ਤਰ੍ਹਾਂ ਪੰਜਾਬੀ ਵਿਭਾਗ ਦੀ ਖੇਜਾਰਥਣ ਸੁਖਮਨਪ੍ਰੀਤ ਕੌਰ ਨੇ ਚਿੰਨ੍ਹ ਵਿਗਿਆਨ ਦੀ ਦ੍ਰਿਸ਼ਟੀ ਤੋਂ ਨਾਵਲ ਬਾਰੇ ਮਹੱਤਵਪੂਰਨ ਨੁਕਤੇ ਉਠਾਏ। ਸਮੁੱਚੀ ਚਰਚਾ ਤੋਂ ਇਹ ਵਿਚਾਰ ਉਭਰਿਆ ਕਿ ਇਹ ਨਾਵਲ ਸ਼ਾਹ ਹੁਸੈਨ ਅਤੇ ਸੋਲਵੀਂ ਸਦੀ ਦੇ ਲਾਹੌਰ ਬਾਰੇ ਪ੍ਰਾਪਤ ਰਚਨਾਵਾਂ ਵਿੱਚ ਇੱਕ ਮਹੱਤਵਪੂਰਨ ਵਾਧਾ ਹੈ ਅਤੇ ਇਸਦਾ ਪੰਜਾਬੀ ਅਤੇ ਹਿੰਦੀ ਭਾਸ਼ਾ ਵਿੱਚ ਵੀ ਅਨੁਵਾਦ ਹੋਣਾ ਚਾਹੀਦਾ ਹੈ।

ਪ੍ਰੋਗਰਾਮ ਦੇ ਆਰੰਭ ਵਿੱਚ ਵਿਭਾਗ ਦੇ ਮੁਖੀ ਡਾ. ਰਮਨਪ੍ਰੀਤ ਕੌਰ ਨੇ ਸਵਾਗਤੀ ਸ਼ਬਦ ਕਹੇ ਅਤੇ ਡਾ. ਅਮਨਦੀਪ ਸਿੰਘ ਨੇ ਮੁੱਖ ਵਕਤਾ ਅਤੇ ਪੁਸਤਕ ਬਾਰੇ ਜਾਣ-ਪਛਾਣ ਕਰਵਾਈ। ਪ੍ਰੋਗਰਾਮ ਦੇ ਅੰਤ ਤੇ ਭਾਸ਼ਾਵਾਂ, ਸਾਹਿਤ ਅਤੇ ਸਭਿਆਚਾਰ ਸਕੂਲ ਦੇ ਕਾਰਜਕਾਰੀ ਡੀਨ ਡਾ. ਰਾਜਿੰਦਰ ਕੁਮਾਰ ਨੇ ਧੰਨਵਾਦੀ ਸ਼ਬਦ ਕਹਿੰਦੇ ਹੋਏ ਇਤਿਹਾਸਕ ਨਾਵਲ ਦੀ ਮਹੱਤਤਾ ਵੀ ਰੇਖਾਕਿਤ ਕੀਤੀ ਅਤੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਹ ਰਚਨਾ ਪੜ੍ਹਨ ਲਈ ਪ੍ਰੇਰਿਤ ਕੀਤਾ। ਇਸ ਮੌਕੇ ਤੇ ਪੰਜਾਬੀ ਵਿਭਾਗ ਦੇ ਸਾਬਕਾ ਮੁਖੀ ਪ੍ਰੋ. ਡਾ. ਜ਼ਮੀਰਪਾਲ ਕੌਰ, ਸਮਾਜ ਵਿਗਿਆਨ ਵਿਭਾਗ ਦੇ ਮੁਖੀ ਡਾ. ਬਲੀ ਬਹਾਦੁਰ ਸਿੰਘ, ਅਤੇ ਹੋਰ ਕਈ ਵਿਭਾਗਾਂ ਦੇ ਅਧਿਆਪਕ ਤੇ ਵਿਦਿਆਰਥੀ ਵੀ ਸ਼ਾਮਿਲ ਹੋਏ। ਪਾਠਕਾਂ ਅਤੇ ਸਰੋਤਿਆਂ ਦੀ ਸਰਗਰਮ ਸ਼ਮੂਲੀਅਤ ਸਦਕਾ 'ਸੂਫੀ ਦੀ ਬੁਲਬੁਲ' ਨਾਵਲ ਬਾਰੇ ਇਹ ਵਿਚਾਰ ਚਰਚਾ ਮਹੱਤਵਪੂਰਨ ਹੋ ਨਿੱਬੜੀ।



1 ਨਵੰਬਰ, 2023: ਪੰਜਾਬ ਦਿਵਸ ਦੇ ਮੌਕੇ ਤੇ ਪੰਜਾਬ ਕੇਂਦਰੀ ਯੂਨੀਵਰਸਿਟੀ ਵਿਖੇ ਵਿਸ਼ੇਸ਼ ਭਾਸ਼ਣ ਦਾ ਆਯੋਜਨ



ਪ੍ਰੋ. ਜੱਸਲ ਪ੍ਰਤੀਭਾਗੀਆਂ ਨੂੰ ਭਾਸ਼ਣ ਦਿੰਦੇ ਹੋਏ

ਪੰਜਾਬੀ ਵਿਭਾਗ, ਪੰਜਾਬ ਕੇਂਦਰੀ ਯੂਨੀਵਰਸਿਟੀ, ਘੁੱਦਾ (ਬਠਿੰਡਾ) ਵੱਲੋਂ ਮਿਤੀ 1 ਨਵੰਬਰ 2023 ਦਿਨ ਬੁੱਧਵਾਰ ਨੂੰ ਪੰਜਾਬ ਦਿਵਸ ਮਨਾਇਆ ਗਿਆ, ਜਿਸ ਦੌਰਾਨ "ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਵਰਤਮਾਨ ਸਥਿਤੀ ਅਤੇ ਭਵਿੱਖੀ ਚੁਣੌਤੀਆਂ" ਵਿਸ਼ੇ ਉਪਰ ਇੱਕ ਵਿਸ਼ੇਸ਼ ਭਾਸ਼ਣ

ਦਾ ਆਯੋਜਨ ਮਾਣਯੋਗ ਵਾਇਸ ਚਾਂਸਲਰ ਪ੍ਰੋ. ਆਰ. ਪੀ. ਤਿਵਾਰੀ ਦੀ ਅਗਵਾਈ ਵਿੱਚ ਕੀਤਾ ਗਿਆ। ਇਸ ਪ੍ਰੋਗਰਾਮ ਵਿਚ ਪ੍ਰੋ. ਸਤਨਾਮ ਸਿੰਘ ਜੱਸਲ (ਡੀਨ ਗੁਰੂ ਕਾਸ਼ੀ ਯੂਨੀਵਰਸਿਟੀ, ਤਲਵੰਡੀ ਸਾਬੋ ਅਤੇ ਸਾਬਕਾ ਮੁਖੀ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ

ਰਿਜਨਲ ਸੈਂਟਰ, ਬਠਿੰਡਾ) ਨੇ ਵਿਸ਼ੇਸ਼ ਬੁਲਾਰੇ ਵਜੋਂ ਸ਼ਿਰਕਤ ਕੀਤੀ।

ਪ੍ਰੋ. ਜੱਸਲ ਨੇ ਪੰਜਾਬ ਦਿਵਸ ਸੰਬੰਧੀ ਜਾਣਕਾਰੀ ਤੋਂ ਭਾਸ਼ਣ ਦਾ ਆਰੰਭ ਕਰਦੇ ਹੋਏ ਆਪਣਾ ਸੰਬੋਧਨ ਦੇ ਪ੍ਰਮੁੱਖ ਨੁਕਤਿਆਂ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਉਪਰ ਹੋਰਨਾਂ ਭਾਸ਼ਾਵਾਂ ਦਾ ਪ੍ਰਭਾਵ ਅਤੇ ਪੰਜਾਬੀ ਦੀ ਅਜੋਕੀ ਸਥਿਤੀ ਉਪਰ ਚਿੰਤਨ-ਮੰਥਨ ਦੀ ਲੋੜ, 'ਤੇ ਕੇਂਦਰਿਤ ਰੱਖਿਆ। ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਉਪਰ ਪਏ ਪ੍ਰਭਾਵਾਂ ਦੀ ਚਰਚਾ ਕਰਦੇ ਹੋਏ ਇਸ ਦੇ ਭੂਗੋਲਿਕ, ਇਤਿਹਾਸਕ ਅਤੇ ਸਭਿਆਚਾਰਕ ਵਿਕਾਸ ਅਧੀਨ ਵਾਪਰਨ ਵਾਲੇ ਭਾਸ਼ਾਈ ਪਰਿਵਰਤਨਾਂ ਵੱਲ ਧਿਆਨ ਦਿਵਾਉਂਦਿਆਂ ਕਿਹਾ ਕਿ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀਆਂ ਜੜ੍ਹਾਂ ਆਰੀਆ ਕਾਲ ਨਾਲ ਜਾ ਜੁੜਦੀਆਂ ਹਨ ਅਤੇ ਮਗਰੋਂ ਬਾਹਰੋਂ ਆਉਣ ਵਾਲੀਆਂ ਵਿਭਿੰਨ ਭਾਸ਼ਾਵਾਂ ਦੇ ਅੰਸ਼ ਇਸ ਦੀ ਭਾਸ਼ਾ ਵਿਚ ਸ਼ਾਮਿਲ ਹੁੰਦੇ ਰਹੇ ਹਨ। ਪੰਜਾਬੀ ਦੇ ਇਤਿਹਾਸਕ ਕਾਲ-ਕ੍ਰਮ ਵਿਚ ਉਹਨਾਂ ਨੇ ਵੈਦਿਕ ਤੇ ਲੌਕਿਕ ਕਾਲ, ਭਗਤੀ ਕਾਲ, ਗੁਰਮਤਿ ਕਾਲ, ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਕਾਲ ਅਤੇ ਸੁਤੰਤਰਤਾ ਕਾਲ ਆਦਿ ਵਿਕਾਸ ਪੜਾਵਾਂ ਬਾਰੇ ਚਰਚਾ ਕਰਦਿਆਂ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਉਪਰ ਅਰਬੀ-ਫ਼ਾਰਸੀ ਅਤੇ ਅੰਗਰੇਜ਼ੀ ਭਾਸ਼ਾ ਦੀ ਸ਼ਬਦਾਵਲੀ ਦੇ ਪ੍ਰਭਾਵਾਂ ਬਾਰੇ ਗੱਲਬਾਤ ਕੀਤੀ। ਉਹਨਾਂ ਨੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਅਜੋਕੀ ਸਥਿਤੀ ਬਾਰੇ ਕਿਹਾ ਕਿ ਇਸ ਪੱਖ ਤੋਂ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਬਾਰੇ ਚਿੰਤਨ-ਮੰਥਨ ਦੀ ਅਹਿਮ ਲੋੜ ਹੈ। ਉਹਨਾਂ ਨੇ ਬਸਤੀਵਾਦੀ ਅਤੇ ਉਤਰ-ਬਸਤੀਵਾਦੀ ਦੌਰ ਵਿਚ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਸ਼ਬਦ-ਭੰਡਾਰ ਵਿੱਚੋਂ ਲੁਪਤ ਹੋ ਰਹੇ ਅਨੇਕਾਂ ਸ਼ਬਦਾਂ ਸੰਬੰਧੀ ਜਾਣਕਾਰੀ ਦਿੰਦਿਆਂ ਦੱਸਿਆ ਕਿ ਇਨ੍ਹਾਂ ਦੀ ਥਾਂ ਸੂਚਨਾ-ਤੁਕਨਾਲੇਜੀ ਵਿਚ ਪ੍ਰਚਲਿਤ ਹੋ ਰਹੀ ਨਵੀਂ ਸ਼ਬਦਾਵਲੀ ਨੇ ਲੈ ਲਈ ਹੈ।

ਇਸ ਮੌਕੇ ਅੰਗਰੇਜ਼ੀ ਵਿਭਾਗ ਦੇ ਅਧਿਆਪਕ ਡਾ. ਵਿਪਨ ਪਾਲ ਸਿੰਘ ਨੇ ਵੀ ਆਪਣੇ ਵਿਚਾਰ ਸਾਂਝੇ ਕੀਤੇ। ਉਹਨਾਂ ਕਿਹਾ ਕਿ ਪੰਜਾਬੀ

ਇਕ ਅਜਿਹੀ ਭਾਸ਼ਾ ਹੈ ਜਿਸ ਨੇ ਬਹੁਤ ਸਾਰੀਆਂ ਭਾਸ਼ਾਵਾਂ ਨੂੰ ਜੋੜਨ ਦਾ ਕੰਮ ਕੀਤਾ ਹੈ ਅਤੇ ਚੰਗੇ ਅਨੁਵਾਦ ਦੁਆਰਾ ਪੰਜਾਬੀ ਦਾ ਪ੍ਰਚਾਰ ਤੇ ਪ੍ਰਸਾਰ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।

ਮਾਣਯੋਗ ਵਾਇਸ ਚਾਂਸਲਰ ਪ੍ਰੋ. ਰਾਘਵੇਂਦਰ ਪ੍ਰਸਾਦ ਤਿਵਾਰੀ ਨੇ ਆਪਣੇ ਪ੍ਰਧਾਨਗੀ ਸੰਬੋਧਨ ਵਿਚ ਮੁੱਲਵਾਨ ਵਿਚਾਰ ਸਾਂਝੇ ਕੀਤੇ। ਉਹਨਾਂ ਪੰਜਾਬ ਦੀ ਸਮਰੱਥਾ ਤੋਂ ਜਾਣੂ ਕਰਾਉਂਦੇ ਹੋਏ ਇਸ ਦੇ ਵਰਤਮਾਨ ਸੰਕਟਾਂ ਉਪਰ ਚਿੰਤਾ ਸਾਂਝੀ ਕਰਦਿਆਂ ਕਿਹਾ ਕਿ ਪਰਵਾਸ, ਨਸ਼ਾ, ਧਰਮ-ਪਰਿਵਰਤਨ ਅਤੇ ਬੇਰੋਜ਼ਗਾਰੀ ਆਦਿ ਪੰਜਾਬ ਦੀਆਂ ਵੱਡੀਆਂ ਸਮੱਸਿਆਵਾਂ ਹਨ। ਇਸ ਲਈ ਯੂਨੀਵਰਸਿਟੀ ਵਰਗੀ ਸੰਸਥਾ ਦਾ ਪੰਜਾਬ ਨੂੰ ਕੇਵਲ ਅਕਾਦਮਿਕ ਪੱਧਰ ਤੇ ਹੀ ਨਹੀਂ ਬਲਕਿ ਵਿਹਾਰਕ ਪੱਧਰ ਤੇ ਉਪਰੋਕਤ ਮਸਲਿਆਂ ਨਾਲ ਨਜਿੱਠਣ ਵਿਚ ਵੀ ਯੋਗਦਾਨ ਹੋਣਾ ਚਾਹੀਦਾ ਹੈ। ਇਸ ਲਈ ਉਹਨਾਂ ਨੇ ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਵਿਭਾਗਾਂ ਨੂੰ ਇਸ ਸੰਬੰਧੀ ਯੋਜਨਾਵਾਂ ਬਣਾਉਣ ਦੀ ਮੰਗ ਕੀਤੀ ਅਤੇ ਭਵਿੱਖ ਵਿਚ ਪੰਜਾਬ ਦਿਵਸ ਨੂੰ ਯੂਨੀਵਰਸਿਟੀ ਦੁਆਰਾ ਵੱਡੇ ਪੱਧਰ ਤੇ ਮਨਾਉਣ ਦਾ ਸੁਝਾਅ ਵੀ ਦਿੱਤਾ।

ਪੰਜਾਬੀ ਵਿਭਾਗ ਦੇ ਮੁਖੀ ਡਾ. ਰਮਨਪ੍ਰੀਤ ਕੌਰ ਨੇ ਰਸਮੀ ਸਵਾਗਤ ਕਰਦਿਆਂ ਵਿਸ਼ੇ ਸੰਬੰਧੀ ਚਾਨਣਾ ਪਾਇਆ। ਡਾ. ਅਮਨਦੀਪ ਸਿੰਘ ਬਰਾੜ ਨੇ ਮੰਚ ਸੰਚਾਲਕ ਦੀ ਭੂਮਿਕਾ ਨਿਭਾਈ ਅਤੇ ਡਾ. ਲਖਵੀਰ ਕੌਰ ਲੈਜ਼ੀਆ ਨੇ ਪੰਨਵਾਦੀ ਸ਼ਬਦ ਸਾਂਝੇ ਕੀਤੇ। ਇਸ ਮੌਕੇ ਪੰਜਾਬੀ ਵਿਭਾਗ ਤੋਂ ਇਲਾਵਾ ਹੋਰਨਾਂ ਵਿਭਾਗਾਂ ਦੇ ਮੁਖੀ, ਅਧਿਆਪਕ ਅਤੇ ਵਿਦਿਆਰਥੀ ਵੀ ਸ਼ਾਮਿਲ ਹੋਏ।



Glimpses of other Activities held by NSS Cell

1. The NSS Cell of the CU Punjab in association with the Team of garbage free Bathinda organized a cleanliness drive on 17.09.2023 at Dadi Poti Park, Phase-3, Model Town Bathinda



2. The students of the Central University of Punjab, Bathinda took part in Fit India Freedom Run 4.0 Half Marathon Event organized under the Nasha Mukat Samaj Andolan Abhiyaan Kaushal Ka. The university's NSS Cell conducted this programme on October 11, 2023 under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari. Shri Kaushal Kishore, Minister of State, Ministry of Housing and Urban Affairs, Govt. of India, participated in this event as the Chief Guest and inaugurated Marathon through virtual platform.



3. The NSS Cell in collaboration with the Department of Physical Education, Central University of Punjab, Bathinda organized a Unity Run on the occasion of observance on the Birth anniversary of Sardar Vallabhbhai Patel on 31.10.2023. Approximate 200 members (including NSS Volunteers, other students, Faculty staff) participated in the Unity Run.



4. The NSS Cell at Central University of Punjab organized a Cleanliness Drive on September 29-30, 2023 at University premises under the “Swachhata Hi Sewa” Campaign and to raise awareness on Say No to Single use plastic.



Glimpses of Sports Fest

The Department of Physical Education at the Central University of Punjab marked the celebration of National Sports Day in an exceptional way this year by organizing a vibrant CUPB Sports Fest-2023. The event held on August 30, 2023 showcased a diverse array of indigenous sporting events, including Tug of War, Slow Cycling Race, Pithu Garam, Kanche, Strike and Win, Rope Skipping, Glass Knockdown, Cross the Ball, Crossfit Challenge, and Yoga Asana Challenge. Additionally, participants demonstrated their sportsmanlike spirit in activities such as lemon and sack races, recreational hockey, cricket, badminton, football, volleyball, and basketball. Moreover, students had the opportunity to exhibit their talents through sports photography competition.



IQAC and IIC Activities

Sr. No.	Activity	Invited Speaker / Chief Guest Details	Date of Activity	Programme Coordinator
IIC Activities				
1.	National Symposium cum Ideathon 3.0	Dr. Atharva Poundarik	18 th August, 2023	Dr. Sabyasachi Senapati
2.	World Entrepreneurs' Day Celebrations	Local Community (SGHs)	23 rd August, 2023	Dr. Chhavi Garg
3.	An invited lecture on "Re-Thinking Economics with Social Transformative Innovation System for African Sustainable Development"	Prof. Mamm o Muchie	6 th October, 2023	Dr. Sandeep Kaur
4.	Exhibition-cum-sale by SHGs	Local Community (SGHs)	28 th November, 2023	Dr. Rubal Kanozia
IQAC Activities				
5.	Faculty Induction Programme		11 th August, 2023	Prof. Monisha Dhiman
6.	Lecture on "Achieving Career Harmony: Integrating IKIGAI and Positive Psychology"	Prof. Zaved Ahmed Khan	24 th August, 2023	
7.	Invited Lecture on Education for Nation Building and Global Citizenship	Prof. D. P. Singh	8 th September, 2023	
8.	Workshop on Capacity Building for E-content/MOOC's Development	Prof. Rajendra Mishra	21-22 September, 2023	
9.	Invited Lecture on Role of Cell Wall and Starch Characteristics in Determining the Textural Properties of French Fries	Prof. Sastry S. Janyanty	5 th October, 2023	
Interactive Session of Hon'ble Vice Chancellor with				
10.	Science Faculty		23 rd August, 2023	Prof. Monisha Dhiman
11.	Humanities/Social Science Faculty		31 st August, 2023	Prof. Monisha Dhiman
12.	Ph.D. Scholars		11 th October, 2023	Prof. Monisha Dhiman

Publications

- Abbas, G., Farooq, U., Singh, P., Khurana, S. S., & Singh, P. (2023). Feature Engineering and Ensemble Learning-Based Classification of VPN and Non-VPN-Based Network Traffic over Temporal Features. *SN Computer Science*, 4. doi:10.1007/s42979-023-01944-5
- Acharyya, T., Sudarsan, D., Mishra, M., Santos, C. A. G., Chand, P., da Silva, R. M., & Pradhan, S. (2023). Contextualizing the lake ecosystem syndromes and research development activities in Chilika Lake (Odisha coast, India): a bibliometric overview (1970–2021). *Wetlands Ecology and Management*, 31, 499–519. doi:10.1007/s11273-023-09930-7
- Agarwal, G., Sharma, I., Prakash, J., Kumar, P. D., & Verma, S. K. (2023). Surface modification of kevlar fabric with a novel sulfonyl aryl containing monomer and its influence on inter yarn friction. *High Performance Polymers*, 35, 764–772. doi:10.1177/09540083231172896
- Ahmad, T., Gupta, S. K., Singh, S. K., Meraj, G., Kumar, P., & Kanga, S. (2023). Unveiling Nature's Resilience: Exploring Vegetation Dynamics during the COVID-19 Era in Jharkhand, India, with the Google Earth Engine. *Climate*, 11. doi:10.3390/cli11090187
- Ahmed, I., Burman, V., Biswas, R., Roy, A., Sharma, R., & Haldar, K. K. (2023). Bifunctional electrochemical OER and HER activity of Ta₂O₅ nanoparticles over Fe₂O₃ nanoparticles. *New Journal of Chemistry*, 47, 17284–17292. doi:10.1039/d3nj02846a
- Ali, U., Chaudhary, E., Kaur, S., Sharma, A., Yadav, M., Kumari, A., ... Garg, M. (2023). Evaluation of anthocyanin rich color wheat lines (black, blue, purple) for their cake making quality. *Journal of Cereal Science*, 113. doi:10.1016/j.jcs.2023.103757
- Arshad, M., Pathak, A. K., Azhad, Q. J., & Khetan, M. (2023). Modeling Bivariate Data Using Linear Exponential and Weibull Distributions as Marginals. *Mathematica Slovaca*, 73, 1075–1096. doi:10.1515/ms-2023-0079
- B, P., Nikolova, M. P., Kumar, S., & K, S. (2023). Synthesis, *In silico* mapping for anti-cancer proviso, hardness studies of D-gluconic acid monohydrate crystals for usage in electronic, mechanical and biological sectors. *Heliyon*, 9. doi:10.1016/j.heliyon.2023.e20941
- Balodhi, A., Jain, K., Gupta, P., Deeba, F., & Salam, N. (2023). A meta-analysis on the prevalence of *Taenia solium* and *Taenia saginata* infections in India. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 117, 539–545. doi:10.1093/trstmh/trad022
- Banda, R. R., Halge, D. I., Narwade, V. N., Kaawash, N. M. S., Thabit, M. Y. H., Alegaonkar, P. S., & Bogle, K. A. (2023). Polarization-independent enhancement in UV photoconductivity of BiFeO₃/Sn:In₂O₃ heterostructure. *Physica B: Condensed Matter*, 662. doi:10.1016/j.physb.2023.414938
- BaQais, A., Shariq, M., Almutib, E., Al-Qasmi, N., Azooz, R. E., Ali, S. K., ... Iqbal, M. (2023). NiO and magnetic CuFe₂O₄-based composite electrocatalyst for enhanced oxygen evolution reaction. *European Physical Journal Plus*, 138. doi:10.1140/epjp/s13360-023-04423-1
- Bedi, P., Kumar, A., Khan, A., & Abdeljawad, T. (2023). Stability analysis of neutral delay fractional differential equations with Erdelyi–Kober fractional integral boundary conditions. *Results in Control and Optimization*, 12. doi:10.1016/j.rico.2023.100278
- Beura, S. K., Dhapola, R., Panigrahi, A. R., Yadav, P., Kumar, R., Reddy, D. H., & Singh, S. K. (2023). Antiplatelet drugs: Potential therapeutic options for the management of neurodegenerative diseases. *Medicinal Research Reviews*, 43, 1835–1877. doi:10.1002/med.21965
- Bhatia, N., Hazra, S., & Thareja, S. (2023). Selective Estrogen receptor degraders (SERDs) for the treatment of breast cancer: An overview. *European Journal of Medicinal Chemistry*, 256. doi:10.1016/j.ejmech.2023.115422
- Bhattacharya, S., Mahato, R. K., Singh, S., Bhatti, G. K., Mastana, S. S., & Bhatti, J. S. (2023). Advances and challenges in thyroid cancer: The interplay of genetic modulators, targeted therapies, and AI-driven approaches. *Life Sciences*, 332. doi:10.1016/j.lfs.2023.122110
- Bhatti, J. S., Kaur, S., Mishra, J., Dibbanti, H., Singh, A., Reddy, A. P., ... Reddy, P. H. (2023). Targeting dynamin-related protein-1 as a potential therapeutic approach for mitochondrial dysfunction in Alzheimer's disease. *Biochimica et Biophysica Acta - Molecular Basis of Disease*, 1869. doi:10.1016/j.bbadis.2023.166798

- Biswas, R., Dastider, S. G., Ahmed, I., Biswas, S., Mondal, K., & Haldar, K. K. (2023). Bio-assisted Synthesis of Au/Rh Nanostructure Electrocatalysts for Hydrogen Evolution and Methanol Oxidation Reactions: Composition Matters! *Energy and Fuels*, 37, 13231–13240. doi:10.1021/acs.energyfuels.3c01259
- Borgohain, V., Swati, Z. Z. Z., Reetu, Z. Z. Z., & Kumar, V. (2023). *Gene delivery methods: Advances and opportunities of nanoparticles-based techniques* (pp. 45–57). doi:10.1201/9781003397861-4
- Chaturvedi, S., Khan, S., Thakur, N., Jangra, A., & Tiwari, S. (2023). Genome-wide identification and gene expression analysis of GHMP kinase gene family in banana cv. Rasthali. *Molecular Biology Reports*, 50, 9061–9072. doi:10.1007/s11033-023-08743-4
- Chaudhari, U., Mehta, M., Sahoo, P. K., Mittal, S., & Tiwari, R. P. (2023). Co-occurrence of geogenic uranium and fluoride in a semiarid belt of the Punjab plains, India. *Groundwater for Sustainable Development*, 23. doi:10.1016/j.gsd.2023.101019
- Chauhan, P., Sharma, N., Tapwal, A., Kumar, A., Verma, G. S., Meena, M., ... Swapnil, P. (2023). Soil Microbiome: Diversity, Benefits and Interactions with Plants. *Sustainability (Switzerland)*, 15. doi:10.3390/su151914643
- Dahiya, A., Bhardwaj, A., Rani, A., Arora, M., & Babu, J. N. (2023). Reduced and oxidized rice straw biochar for hexavalent chromium adsorption: Revisiting the mechanism of adsorption. *Heliyon*, 9. doi:10.1016/j.heliyon.2023.e21735
- Debnath, J., Sahariah, D., Lahon, D., Nath, N., Chand, K., Meraj, G., ... Singh, S. K. (2023). Geospatial modeling to assess the past and future land use-land cover changes in the Brahmaputra Valley, NE India, for sustainable land resource management. *Environmental Science and Pollution Research*, 30, 106997–107020. doi:10.1007/s11356-022-24248-2
- Deeksha, Kour, P., Ahmed, I., Haldar, K. K., Yadav, C. S., Sharma, S. K., & Yadav, K. (2023). BiFeO₃/g-C₃N₄/f-CNF ternary nanocomposite as an efficient photocatalyst for methylene blue dye degradation under solar light irradiation. *Journal of Alloys and Compounds*, 960. doi:10.1016/j.jallcom.2023.171073
- Deepika, Paul, A. K., Malakar, C. C., Bansal, A., & Singh, V. (2023). DABCO Mediated Sulfur Activation-Intramolecular De-Nitration Strategy for the Synthesis of Novel Dihydrothiochromeno[4,3-c]pyrazoles. *Asian Journal of Organic Chemistry*, 12. doi:10.1002/ajoc.202300289
- Dey, S., Singh, A. K., & Kumar, S. (2023). Discovery of Natural Anti-Apoptotic Protein Inhibitor Using Molecular Docking and MM-GBSA Approach: An Anticancer Intervention. *Biointerface Research in Applied Chemistry*, 13. doi:10.33263/BRIAC135.473
- Dutta, O., Prasanth, A., Kumari, A., Akanksha, K., Deebe, F., & Salam, N. (2023). Burden of dengue, leishmaniasis and lymphatic filariasis in India and its states from 1990–2019: Analysis from the Global Burden of Disease study (GBD 2019). *PLoS ONE*, 18. doi:10.1371/journal.pone.0292723
- Gautam, S., Sharma, K. K., & Amanat, M. (2023). Management of Chemotherapy Induced Nausea Vomiting (CINV) in Breast Cancer Patients: An Imperative Factor in Patient Compliance. *Journal of Radiology Nursing*, 42, 315–320. doi:10.1016/j.jradnu.2023.04.002
- Guchait, A., Kumar, A., Singh, R., Joshi, G., & Dwivedi, A. R. (2023). A review on reported phytochemicals as druggable leads with antimalarial potential. *Medicinal Chemistry Research*, 32, 1633–1657. doi:10.1007/s00044-023-03113-y
- Gupta, N., Saini, V., Basavarajaiah, S. M., Dar, M. O., Das, R., & Dahiya, R. S. (2023). 1,3-Oxazine as a Promising Scaffold for the Development of Biologically Active Lead Molecules. *ChemistrySelect*, 8. doi:10.1002/slct.202301456
- Hussain, A., Kumar, A., Uttam, V., Sharma, U., Sak, K., Saini, R. V., ... Sethi, G. (2023). Application of curcumin nanoformulations to target folic acid receptor in cancer: Recent trends and advances. *Environmental Research*, 233. doi:10.1016/j.envres.2023.116476
- Islam, F., Islam, M. S., Ahmed, K., & Amanat, M. (2023). Unveiling the Anthelmintic Potential of *Merremia vitifolia* Stem through *in Vitro* and *in Silico* Approach. *Chemistry and Biodiversity*, 20. doi:10.1002/cbdv.202300860
- Jaiswal, S., Goyal, A., & Garabadu, D. (2023). Daidzein Attenuates Ovariectomy-Induced Cognitive Deficits by Improving Cortical Endothelial Function in Rats. *Revista Brasileira de Farmacognosia*, 33, 1001–1011. doi:10.1007/s43450-023-00425-3
- Jakhar, M., Kumar, A., & Pandey, R. (2023). Thermoelectric Transport Properties of Cairo Pentagonal AlPte and GaPte Monolayers. *Journal of Physical Chemistry C*, 127, 21465–21473. doi:10.1021/acs.jpcc.3c02995

- Jangir, P., Kalra, S., Tanwar, S., & Bari, V. K. (2023). Azole resistance in *Candida auris*: mechanisms and combinatorial therapy. *APMIS*, 131, 442–462. doi:10.1111/apm.13336
- Joshi, R., Missong, H., Mishra, J., Kaur, S., Saini, S., Kandimalla, R., ... Bhatti, J. S. (2023). Nanotheranostics revolutionizing neurodegenerative diseases: From precision diagnosis to targeted therapies. *Journal of Drug Delivery Science and Technology*, 89. doi:10.1016/j.jddst.2023.105067
- Juneja, S., Saini, R., Mukit, A., & Kumar, S. (2023). Drought priming modulates ABF, GRFs, related microRNAs and induce metabolic adjustment during heat stress in chickpea. *Plant Physiology and Biochemistry*, 203. doi:10.1016/j.plaphy.2023.108007
- Jyoti, D., & Kumar, S. (2023). Invariant Bianchi type I cosmological models and conservation laws in $f(R,T)=f_1(R)+f_2(R)+f_3(T)$ gravity. *Physics of the Dark Universe*, 41. doi:10.1016/j.dark.2023.101253
- Kanwal, A., Liu, L., Bansal, P. K., Kumar, H., & Singh, S. P. (2023). Apoptotic Cell Death in Cardiomyocytes Induced by Hypoxia from Cobalt Chloride Is Hastened by SGLT-1 Inhibition. *Applied In Vitro Toxicology*, 9, 116–124. doi:10.1089/aivt.2023.0006
- Kathuria, V., Kiran, Rani, P., Mayank, Joshi, G., Kumar, R., ... Kumar, S. (2023). Precisely designed oxazolonephthoimidazo[1,2-a]pyridine-based sensor for the detection of Fe^{3+} and DCP with cell imaging application. *Journal of Photochemistry and Photobiology A: Chemistry*, 443. doi:10.1016/j.jphotochem.2023.114841
- Kaur, M., Suman, P., Arora, S., Singh, T., Munshi, A., Singh, S., & Kumar, R. (2023). Design, Synthesis, and Anticancer Evaluation of Hemithioindigos via Inhibition of Human Topoisomerases. *ChemistrySelect*, 8. doi:10.1002/slct.202301700
- Kaushal, A., Khurana, I., Yadav, P., Allawadhi, P., Banothu, A. K., Neeradi, D., ... Khurana, A. (2023). Advances in therapeutic applications of silver nanoparticles. *Chemico-Biological Interactions*, 382. doi:10.1016/j.cbi.2023.110590
- Khurana, S. S., Singh, P., & Garg, N. K. (2023). Revolutionize AI Trading Bots with AutoML-Based Multi-timeframe Bitcoin Price Prediction. *SN Computer Science*, 4. doi:10.1007/s42979-023-01941-8
- Kour, S., Kour, P., & Sharma, A. L. (2023). Self-assembled carbon wrapped manganese cobaltite nano-composite with promising electrochemical performance for symmetric and asymmetric supercapacitor device. *Journal of Energy Storage*, 68. doi:10.1016/j.est.2023.107813
- Kulkarni, S., Bhandary, D., Singh, Y., Monga, V., & Thareja, S. (2023). Boron in cancer therapeutics: An overview. *Pharmacology and Therapeutics*, 251. doi:10.1016/j.pharmthera.2023.108548
- Kumar, P., Erturk, V. S., Murillo-Arcila, M., & Harley, C. (2023). Generalized forms of fractional Euler and Runge-Kutta methods using non-uniform grid. *International Journal of Nonlinear Sciences and Numerical Simulation*, 24, 2089–2111. doi:10.1515/ijnsns-2021-0278
- Kumari, B., Shabnam, Yadav, M., Kumar, M., Kushwaha, P., Prabhu, N. P., & Kumar, R. (2023). Determinants for macromolecular crowding-induced thermodynamic stabilization of acid-denatured cytochrome c to molten globules. *Journal of Molecular Liquids*, 387. doi:10.1016/j.molliq.2023.122608
- Ludhiadch, A., Sulena, Singh, S., Chakraborty, S., Sharma, D., Kulharia, M., ... Munshi, A. (2023). Genomic Variation Affecting MPV and PLT Count in Association with Development of Ischemic Stroke and Its Subtypes. *Molecular Neurobiology*, 60, 6424–6440. doi:10.1007/s12035-023-03460-2
- Maalmarugan, J., Divya, R., Ganesan, H., Patel, R. P., Singh, A. K., Kumar, S., ... Dinesh Kumar, B. (2023). Synthesis, characterizations of D32DMBC-crystals for applications in biomedical, tribological, electronic filters and in device constructions by theory and practice. *Journal of Nonlinear Optical Physics and Materials*, 32. doi:10.1142/S0218863523500194
- Madaan, K., & Bari, V. K. (2023). Emerging Role of Sphingolipids in Amphotericin B Drug Resistance. *Microbial Drug Resistance*, 29, 319–332. doi:10.1089/mdr.2022.0353
- Malik, N., Lakhawat, S. S., Kumar, V., Sharma, V., Bhatti, J. S., & Sharma, P. K. (2023). Recent advances in the omics-based assessment of microbial consortia in the plastsphere environment: Deciphering the dynamic role of hidden players. *Process Safety and Environmental Protection*, 176, 207–225. doi:10.1016/j.psep.2023.06.013
- Medda, A., Biswas, R., Dastider, S. G., Ghosh, S., Mondal, K., Haldar, K. K., & Patra, A. (2023). Heterostructures of 2D Core/Shell Nanoplatelets with 2D MoS₂ as an Efficient Electrocatalyst for Hydrogen Evolution Reaction. *ACS Applied Energy Materials*, 6, 11745–11753. doi:10.1021/acsaem.3c02443

- Mittal, M., Kumar, K., & Behal, S. (2023). DL-2P-DDoSADF: Deep learning-based two-phase DDoS attack detection framework. *Journal of Information Security and Applications*, 78. doi:10.1016/j.jisa.2023.103609
- Mohanta, A., Kumar, R. R., Singh, R. K., Mandal, S., Yadav, R., Khatkar, R., ... Jain, A. (2023). Emerging role of miR-320a in lung cancer: a comprehensive review. *Biomarkers in Medicine*, 17, 767–781. doi:10.2217/bmm-2023-0215
- Mohanty, S., Bhadane, R., & Kumar, S. (2023). Bioinformatics insights into CENP-T and CENP-W protein-protein interaction disruptive amino acid substitution in the CENP-T-W complex. *Journal of Cellular Biochemistry*, 124, 1870–1885. doi:10.1002/jcb.30495
- Mohmad, M., Agnihotri, N., Kumar, V., Azam, M., Kamal, R., Kumar, A., ... Min, K. (2023). Preparation of a Pt(II)-3-Hydroxy-2-tolyl-4H-chromen-4-one Complex Having Antimicrobial, Anticancerous, and Radical Scavenging Activities with Related Computational Studies. *ACS Omega*, 8, 31648–31660. doi:10.1021/acsomega.3c01316
- Mondal, A., Sharma, R., Abiha, U., Ahmad, F., Karan, A., Jayaraj, R. L., & Sundar, V. (2023). A Spectrum of Solutions: Unveiling Non-Pharmacological Approaches to Manage Autism Spectrum Disorder. *Medicina (Lithuania)*, 59. doi:10.3390/medicina59091584
- Monteles, I. A., Penha, B. V., Fonseca, W. S., Silva, L. M. B., Santos, E. C. S., de Souza, L. K. C., ... Almeida, M. A. P. (2023). Bi-phasic BiPO prepared through template-assisted hydrothermal method with enhanced electrochemical response for hybrid supercapacitor applications. *Journal of Applied Electrochemistry*, 53, 1609–1622. doi:10.1007/s10800-023-01876-1
- Mukherjee, A. G., Gopalakrishnan, A. V., Jayaraj, R., Renu, K., Dey, A., Vellingiri, B., & Malik, T. (2023). The incidence of male breast cancer: from fiction to reality - correspondence. *International Journal of Surgery (London, England)*, 109, 2855–2858. doi:10.1097/JS9.0000000000000512
- Nagar, P., Sharma, P., Dhapola, R., Kumari, S., Medhi, B., & HariKrishna Reddy, D. (2023). Endoplasmic reticulum stress in Alzheimer's disease: Molecular mechanisms and therapeutic prospects. *Life Sciences*, 330. doi:10.1016/j.lfs.2023.121983
- Niraula, G., Wu, C., Yu, X., Malik, S., Verma, D. S., Yang, R., ... Sharma, S. K. (2023). The Curie temperature: a key playmaker in self-regulated temperature hyperthermia. *Journal of Materials Chemistry B*, 12, 286–331. doi:10.1039/d3tb01437a
- Nishad, C. S., Suman, P., Saha, H., & Banerjee, B. (2023). Visible-Light-Induced Metal- and Photocatalyst-Free Radical Cascade Cyclization of Cinnamamides for Synthesis of Functionalized Dihydroquinolinones. *Journal of Organic Chemistry*, 88, 11010–11022. doi:10.1021/acs.joc.3c00987
- Panigrahi, A. R., Yadav, P., Beura, S. K., Singh, J., Dastider, S. G., Singh, S. K., & Mondal, K. (2023). Probing interaction of atherogenic lysophosphatidylcholine with functionalized graphene nanosheets: theoretical modelling and experimental validation. *Journal of Molecular Modeling*, 29. doi:10.1007/s00894-023-05717-y
- Patel, C., Singh, J., Karunakaran, A., & Ramakrishna, W. (2023). Evolution of Nano-Biofertilizer as a Green Technology for Agriculture. *Agriculture (Switzerland)*, 13. doi:10.3390/agriculture13101865
- Pateriya, R. V., Tanwar, S., & Sharma, A. L. (2023). A critical review on orthosilicate Li_2MSiO_4 (M = Fe, Mn) electrode materials for Li ion batteries. *Journal of Physics Condensed Matter*, 35. doi:10.1088/1361-648X/acd3cd
- Prajapati, K. S., & Kumar, S. (2023). Loss of miR-6844 alters stemness/self-renewal and cancer hallmark(s) markers through CD44-JAK2-STAT3 signaling axis in breast cancer stem-like cells. *Journal of Cellular Biochemistry*, 124, 1186–1202. doi:10.1002/jcb.30441
- Priyanka, N., Mohanty, S., Alegaonkar, P. S., & Baskey, H. B. (2023). Design and Manufacturing of a Hexapattern Frequency Selective Surface Absorber for Aerospace Stealth Application. *ACS Applied Materials and Interfaces*, 15, 37107–37115. doi:10.1021/acsaami.3c07669
- Rahim, M. S., Sharma, V., Yadav, P., Parveen, A., Kumar, A., Roy, J., & Kumar, V. (2023). Rethinking underutilized cereal crops: pan-omics integration and green system biology. *Planta*, 258. doi:10.1007/s00425-023-04242-9
- Rahman, S. M. A., Bhatti, J. S., Thareja, S., & Monga, V. (2023). Current development of 1,2,3-triazole derived potential antimalarial scaffolds: Structure- activity relationship (SAR) and bioactive compounds. *European Journal of Medicinal Chemistry*, Vol. 259. doi:10.1016/j.ejmech.2023.115699

- Ram, T., Singh, A. K., Kumar, A., Singh, H., Pathak, P., Grishina, M., ... Kumar, P. (2023). MEK inhibitors in cancer treatment: structural insights, regulation, recent advances and future perspectives. *RSC Medicinal Chemistry*, 14, 1837–1857. doi:10.1039/d3md00145h
- Ranga, S., Yadav, R., Chhabra, R., Chauhan, M. B., Tanwar, M., Yadav, C., ... Ahuja, P. (2023). Long non-coding RNAs as critical regulators and novel targets in cervical cancer: current status and future perspectives. *Apoptosis*, 28, 925–942. doi:10.1007/s10495-023-01840-6
- Rani, A., Gupta, S. K., Singh, S. K., Meraj, G., Kumar, P., Kanga, S., ... Dogančić, D. (2023). Predicting Future Land Use Utilizing Economic and Land Surface Parameters with ANN and Markov Chain Models. *Earth (Switzerland)*, 4, 728–751. doi:10.3390/earth4030039
- Ranwala, P., Pal, J., Garg, V. K., & Rani, S. (2023). Synthesis of nanocellulose for the removal of naphthalene from simulated wastewater. *Chemical Papers*, 77, 6029–6039. doi:10.1007/s11696-023-02919-9
- Ratre, P., Nazeer, N., Bhargava, A., Thareja, S., Tiwari, R., Raghuwanshi, V. S., & Mishra, P. K. (2023). Design and Fabrication of a Nanobiosensor for the Detection of Cell-Free Circulating miRNAs-LncRNAs-mRNAs Triad Grid. *ACS Omega*, 8, 40677–40684. doi:10.1021/acsomega.3c05718
- Rattan, R. S., & Kumar, V. (2023). Emerging Trends in Pest Management in Agriculture. In *CRC Press eBooks* (pp. 73–84). <https://doi.org/10.1201/9781003397861-6>
- Rupani, P. F., Embrandiri, A., Garg, V. K., Abbaspour, M., Dewil, R., & Appels, L. (2023). Vermicomposting of Green Organic Wastes Using *Eisenia Fetida* Under Field Conditions: a Case Study of a Green Campus. *Waste and Biomass Valorization*, 14, 2519–2530. doi:10.1007/s12649-022-02004-4
- Sabari, S. S., Balasubramani, K., Iyer, M., Sureshbabu, H. W., Venkatesan, D., Gopalakrishnan, A. V., ... Vellingiri, B. (2023). Type 2 Diabetes (T2DM) and Parkinson's Disease (PD): a Mechanistic Approach. *Molecular Neurobiology*, 60, 4547–4573. doi:10.1007/s12035-023-03359-y
- Sachdeva, S., Powell, M. A., Nandini, G., Kumar, H., Kumar, R., & Sahoo, P. K. (2023). Uranium and Fluoride Accumulation in Vegetable and Cereal Crops: A Review on Current Status and Crop-Wise Differences. *Sustainability (Switzerland)*, 15. doi:10.3390/su151813895
- Sahoo, P. K., Dall'Agnol, R., de Deus, S. D. C. S. R., Salomão, G. N., Guimarães, J. T. F., Angelica, R. S., ... de Siqueira, J. O. (2023). Mercury in multimedia system of Itacaiúnas Basin, Brazilian Amazon: An integrated approach to understand its distribution, origin, and ecological risk. *Environmental Research*, 232. doi:10.1016/j.envres.2022.115107
- Sain, R., Roy, A., Kumar, A., Anu, Deeksha, Kour, P., ... Yadav, K. (2023). Effects of Dy³⁺-doping on the band-gap widening and formation of mixed cubic and monoclinic phases of Sm₂O₃ nanoparticles. *Applied Physics A: Materials Science and Processing*, 129. doi:10.1007/s00339-023-07051-9
- Saqib, N., Rai, P. K., Kanga, S., Kumar, D., Durin, B., & Singh, S. K. (2023). Assessment of Ground Water Quality of Lucknow City under GIS Framework Using Water Quality Index (WQI). *Water (Switzerland)*, 15. doi:10.3390/w15173048
- Sarkar, D., Midha, P., Shanti, S. S., & Singh, S. K. (2023). A comprehensive review on the decabromodiphenyl ether (BDE-209)-induced male reproductive toxicity: Evidences from rodent studies. *Science of the Total Environment*, 901. doi:10.1016/j.scitotenv.2023.165938
- Shanker, G., Rani, S., & Kaur, K. (2023). Projectively Flat Finsler Spaces with Transformed Metrics. *Iranian Journal of Mathematical Sciences and Informatics*, 18, 31–50. doi:10.52547/ijmsi.18.2.31
- Sharma, M., Gupta, P., & Garabadu, D. (2023). Retraction Note: Bacopa monnieri attenuates glutamate-induced nociception and brain mitochondrial toxicity in zebrafish (Metabolic Brain Disease, (2022), 37, 2, (383-396), 10.1007/s11011-021-00874-6). *Metabolic Brain Disease*, 38, 2503. doi:10.1007/s11011-023-01284-6
- Sheetal, N., Chauhan, A. S., Sharma, A. K., Sharma, N., Giri, K., & Das, P. (2023). Pd/C-Catalyzed Carbonylative Amidation for the Synthesis of 2-Carboxamidocyclohexane-1,3-diones. *Organic Letters*, 25, 8188–8193. doi:10.1021/acscorglett.3c02808
- Shuaib, M., Prajapati, K. S., Singh, A. K., & Kumar, S. (2023). Discovery of differentially expressed novel miRNAs in breast normal cells and their putative targets. *Molecular and Cellular Biochemistry*, 478, 2361–2378. doi:10.1007/s11010-023-04665-8

- Singh, J. P., Abdeljawad, T., Baleanu, D., & Kumar, S. (2023). Transmission dynamics of a novel fractional model for the Marburg virus and recommended actions. *European Physical Journal: Special Topics*, 232, 2645–2655. doi:10.1140/epjs/s11734-023-00943-0
- Subramaniam, M. D., Janaki, P. A., Kumar, B. A., Gopalarethinam, J., Nair, A. P., Mahalaxmi, I., & Vellingiri, B. (2023). Retinal Changes in Parkinson's Disease: A Non-invasive Biomarker for Early Diagnosis. *Cellular and Molecular Neurobiology*, 43, 3983–3996. doi:10.1007/s10571-023-01419-4
- Sudheer, M., Rani, P., Patole, S. P., & Alegaonkar, P. S. (2023). Thermophysical Assessments on Self-Assembled Tellurium Nanostructures. *Journal of Physical Chemistry C*, 127, 18076–18088. doi:10.1021/acs.jpcc.3c03752
- Suhani, I., Srivastava, V., Megharaj, M., Suthar, S., Garg, V. K., & Singh, R. P. (2023). Effect of Compost and Vermicompost Amendments on Biochemical and Physiological Responses of Lady's Finger (*Abelmoschus esculentus* L.) Grown under Different Salinity Gradients. *Sustainability (Switzerland)*, 15. doi:10.3390/su151511590
- Swapnil, P., Singh, L. A., Mandal, C., Sahoo, A., Batool, F., Anuradha, ... Zehra, A. (2023). Functional characterization of microbes and their association with unwanted substance for wastewater treatment processes. *Journal of Water Process Engineering*, 54. doi:10.1016/j.jwpe.2023.103983
- Tanwar, S., Singh, N., Vijayan, A. K., & Sharma, A. L. (2023). Electrochemical performance investigation of different shaped transition metal diselenide materials based symmetric supercapacitor with theoretical investigation. *Surfaces and Interfaces*, 42. doi:10.1016/j.surfin.2023.103504
- Umair, M., Shad, N. A., Hussain, S., Jilani, A., Sajid, M. M., Arshad, M. I., ... Javed, Y. (2023). Predominated capacitive behavior of Ag-doped magnesium vanadate as a novel electrode material for supercapacitors. *International Journal of Hydrogen Energy*, 48, 34610–34623. doi:10.1016/j.ijhydene.2023.05.279
- Vellingiri, B. (2023). A deeper understanding about the role of uranium toxicity in neurodegeneration. *Environmental Research*, 233. doi:10.1016/j.envres.2023.116430
- Verma, H., Gangwar, P., Yadav, A., Yadav, B., Rao, R., Kaur, S., ... Mantha, A. K. (2023). Understanding the neuronal synapse and challenges associated with the mitochondrial dysfunction in mild cognitive impairment and Alzheimer's disease. *Mitochondrion*, 73, 19–29. doi:10.1016/j.mito.2023.09.003
- Vijayan, A. K., Sreehari, M. S., Kour, S., Dastider, S. G., Mondal, K., & Sharma, A. L. (2023). Theoretical investigation of quantum capacitance of Co-doped α -MnO₂ for supercapacitor applications using density functional theory. *Physical Chemistry Chemical Physics*, 25, 25789–25802. doi:10.1039/d3cp03080f
- Virley, S., Shukla, S., Arora, S., Shukla, D., Nagdiya, D., Bajaj, T., ... Singh, C. (2023). Recent advances in microwave-assisted nanocarrier based drug delivery system: Trends and technologies. *Journal of Drug Delivery Science and Technology*, 87. doi:10.1016/j.jddst.2023.104842
- Yadav, M., Vanshika, N., & Singh, C. (2023). Anisotropic short-range attractions precisely model branched erythrocyte aggregates. *Soft Matter*, 19, 8717–8728. doi:10.1039/d3sm00881a
- Yashi, S., & Awasthi, A. (2023). *Role of plant-based bioactive nutritional or dietary supplements in the metabolic syndrome of women and children during Covid-19*. The Metabolic Syndrome Dietary Supplements and Food Ingredients. Apple Academic Press, Taylor & Francis (Accepted; ISBN: 978-1-77491-111-2; Page 329-374 <https://www.appleacademicpress.com/the-metabolic-syndrome-dietary-supplements-and-food-ingredients/9781774911112>).
- Yedke, N. G., Upadhyay, S., Singh, R., Jamwal, S., Ahmad, S. F., & Kumar, P. (2023). *Bacillus Calmette–Guérin* Vaccine Attenuates Haloperidol-Induced TD-like Behavioral and Neurochemical Alteration in Experimental Rats. *Biomolecules*, 13. doi:10.3390/biom13111667





List of students who defended Ph.D. Theses in between August 1, 2023 to November 30, 2023

Sr. No.	Registration Number	Name	Department	Date of VIVA
1	CUPB/MPh-PhD/SGR/SCA/2013-14/14	Raghavendra Pratap Kushwaha	South And Central Asian Studies	18.08.2023
2	CUPB/MPh-PhD/SLLC/CPL/2013-14/15	Sunny Kumar	Hindi	18.08.2023
3	18phdmns02	Pallavi Bedi	Mathematics and Statistics	19.08.2023
4	17phdgeg02	Yumlembam Priyananda Singh	Geography and Geology	26.09.2023
5	17phdphm02	Manpreet Kaur	Pharmaceutical Sciences and Natural Products	23.08.2023
6	15phdevs02	Rajveer Kaur	Environmental Sciences and Technology	23.08.2023
7	CUPB/Mph-PhD/SBAS/BIO/2013-14/04	Digvijay Singh Yadav	Biosciences	19.08.2023
8	19phdchm04	Rathindranath Biswas	Chemistry	24.11.2023
9	CUPB/MPh-PhD/SEES/EVS/2013-14/16	Vijay Jaswal	Environmental Science and Technology	03.11.2023
10	17phdedu01	Pooja Jaswal	Education	05.09.2023
11	CUPB/Mph-PhD/SBAS/BIO/2013-14/12	Rashpal Kumar	Biosciences	10.11.2023
12	19phdmas01	Mythraye V.P.	Mass Communication and Media Studies	25.08.2023
13	19phdchm06	Imtiaz Ahmed	Chemistry	10.10.2023
14	18phdphs02	Muzahir Iqbal	Physical Sciences	02.11.2023
15	18phdphs04	Jaspreet Singh	Physical Sciences	08.09.2023
16	18phdchs03	Vijay Kumar	Chemistry	24.11.2023



Grants Sanctioned



List of Research Projects sanctioned between August 1, 2023 to November 30, 2023

Title of Project	P.I. Name	Dept	Date	Amount	Funding Agency	Duration
DST-PURSE 2023 Program (General Call)	CUPB	CUPB	03.08.2023	88200000	DST-SERB	4 Years
Ascertaining the response of glaciers dynamics post-Medieval Climate Anomaly (MCA) across the precipitation gradient in the Indian Himalaya Region (IHR)	Dr. Pritam Chand,	Geography	04.09.2023	5958120	DST-SERB	3 Years
Examining the Effects of the Digital India Scheme on Socioeconomic Landscape of Rural Punjab: An Empirical Study.	Dr. Shankar Lal Bika	Education	25.09.2023	1200000	ICSSR	6 Months
Impact of the Swacchh Bharat Mission in Majha, Malwa and Doaba regions of Punjab	Dr. Rubal Kanozia	Mass Communication and Media Studies	26.09.2023	1500000	ICSSR	6 Months
An Analysis of the Implementation of Benami Transactions (Prohibition) Amendment Act, 2016, in the State of Punjab	Dr. Ravinder Kaur	Law	27.09.2023	450000	ICSSR	6 Months
An Empirical Study on the Effectiveness of Prime Minister Mudra Yojana in select areas of Northern India	Dr. Anand Thakur	Financial Administration	04.10.2023	1400000	ICSSR	6 Months
Investigations of Chromone Based Multi-target Directed Ligands as Potential Drug Candidates	Dr. Vinod Kumar	Chemistry	26.09.2023	4000000	STARS-IISc	3 Years

for the Treatment of Alzheimer's Disease						
Evaluating the therapeutic potential of Ezetimibe and Sericin against lead and cadmium induced neurotoxicity in rats and zebrafish: Possible mechanism by stimulating the IGF-1/GLP-1 signaling pathway	Dr. Puneet Kumar Bansal	Pharmacology	10.10.2023	4312795	ICMR	3 Years
Total Sanctioned Amount				10,70,20,915		

Community Connect Activities

September 8, 2023: 111 Donors donated Blood to save lives during Blood Donation Camp held at Central University of Punjab

The Central University of Punjab, under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari, organized a remarkable Blood Donation Camp on Friday. The event was conducted in collaboration with Guru Nanak Dev Charitable Blood Bank, Bathinda and Punjab Kesari Group. Around 111 donors, comprising faculty, staff and students, donated blood to save the lives of those in need.



Vice-Chancellor Prof. Raghavendra P. Tiwari and Registrar (I/c) Prof. B.P. Garg giving blessings to blood donors

Prof. Raghavendra P. Tiwari, the Vice-Chancellor, while inaugurating the programme, mentioned that Blood Donation Camp is an opportunity to

demonstrate the university's commitment to social responsibility and public health. It also encouraged a spirit of volunteerism and community engagement among the students. Prof. Tiwari, along with university officials, blessed and commended the students who selflessly donated blood.

The event was graced by distinguished personalities including Prof. R.K. Wusirika, Dean Incharge Academics; Prof. B.P. Garg, Controller of Examinations and Registrar (I/c); Prof. Anjana Munshi, Director, R&D Cell; Prof. Monisha Dhiman, Director IQAC; Prof. Sanjeev Kumar, Dean Student Welfare; and Dr. Vipin Pal Singh, all of whom motivated and encouraged the students.

During the program, the medical team from Guru Nanak Dev Charitable Blood Centre, Bathinda, led by Mr. Ajit Singh and Mr. Ranjit Singh, diligently conducted preliminary health checks on the donors before the blood donation process. A remarkable total of 111 units of blood were successfully collected during this camp. As a token of appreciation, donors were awarded medals and certificates.



In Memory of Late Professor Tarun Arora



Late Professor Tarun Arora
(03 February, 1976 - 12 November, 2023)

Prof. Tarun Arora was a visionary, energetic, committed individual. Prof. Arora's journey began in his birthplace, Sri Ganganagar, Rajasthan. In 1996, he graduated with a B.Com from M.D.S University, Ajmer. He then pursued and completed his LLB from the same university in 1999. However, his life took a pivotal turn when he gained admission to Punjabi University, Patiala, for an LLM, which he completed in 2002. Demonstrating his academic prowess, he cleared the NET exam in 2001. After completing a PhD in Environmental Law in 2009 from Punjabi University, he went on to become one of the experts in the field of Environmental Law.

Prof. Arora's association with the Central University of Punjab began on April 1, 2015. His dedication and expertise were quickly recognized, leading to his appointment as the Head of the Department of Law on July 15 of the same year. Under his guidance and dedication, the Central University of Punjab won the National Youth Parliament title twice. His strategic thinking and motivational support were instrumental in these victories, showcasing his ability to inspire and lead students to success. Prof. Arora was more than just a professor; he was the one of the pillars of Central University of Punjab, adeptly managing legal challenges and offering wise counsel. His support extended beyond academics to include personal mentorship, often sharing his remarkable guiding principle: "With you, I will never fail; without you, I will never succeed." These words became a source of encouragement and strength for many of us, reflecting his deep commitment to his students and colleagues.

Despite his numerous responsibilities, Prof. Arora always made time for his family, colleagues, and students. His dedication to his roles was evident in every aspect of his life. It is with profound sadness that we acknowledge his passing, yet we take solace in his rich legacy which remains etched in the memories of colleagues and students. The Central University of Punjab, and indeed all who knew him, will forever remember Prof. Tarun Arora for his exceptional contributions in building CUPB. His life was a testament to the power of dedication, compassion, and an unwavering commitment to making a difference. Though he is no longer with us, his spirit and teachings will continue to inspire future generations.



Glimpses of other Events



Dept. of Applied Agriculture Students participating in Rangoli Competition held on September 20, 2023 to mark International Year of Millets 2023



Group Photo of International Students with University Officials during a meeting called to ensure comfortable stay of Int. Students at CU Punjab



Vice-Chancellor Prof. Raghavendra P. Tiwari paying obeisance at Takhat Sri Harimandir Ji, Patna Sahib on October 30, 2023



Vice-Chancellor Prof. Raghavendra P. Tiwari paying obeisance at Gurudwara Sahib, Village Ghudda on Gurupurab (November 27, 2023)

Glimpses of CU Punjab in Fourth Estate

सीयूपी का रिसर्च आउटपुट तीन साल में दोगुना

जम्मू संसददाता बहिष्कार: पंजाब केंद्रीय विश्वविद्यालय (सीयूपी) के शिक्षण, शोध एवं छात्र कल्याण प्रोफेसर रायचंद प्रसाद शिखरी के नेतृत्व में शिक्षा व अनुसंधान के क्षेत्र में अग्रगण्य सरलता प्राप्त कर रहा

1,097 शोध पत्र डिसेंबर 2020 तक दूर थे
2,023 हुई इस वर्ष आठ तक शोध

आरंभ के पुनर्निर्माण, अनुसंधान एवं विकास संसद को निदेशक प्रोफेसर अंजुम मुंशी और आर्यभट्टसिंह सिन्धीक प्रोफेसर मोहिनीय शिवान ने इस बात पर प्रकाश डाला कि कुलपति प्रोफेसर रायचंद प्रसाद शिखरी के नेतृत्व में

133 students from Central University of Punjab excel in NET/JRF Examinations

VERMA BATHINDA, AUG 12

In continuation to their tradition of setting high benchmarks in competitive examinations, around 133 students from the Central University of Punjab have achieved exceptional results in the NET/JRF Examinations. These examinations are designed to determine the eligibility of Indian nationals for positions as 'Assistant Professors' and 'Junior Research Fellows and Assistant Professors' in Indian universities and colleges. Among these 133 students, a remarkable 131 students representing 24 diverse departments of the university have demonstrated their excellence by successfully qualifying for Junior Research Fellowships and Assistant Professors' in Indian universities and colleges.



have achieved the distinction of NET/JRF Examinations

ELECTED-CENTRAL UNIVERSITY OF PUNJAB

Professor Felix Bast, HOD of Botany at the Central University of Punjab was recently selected into the Asia-Pacific Advisory Council of the International Science Council, a major UN affiliated think-tank, during a meeting held at Kuala Lumpur, Malaysia. International Science Council based in Paris, France, is an international NGO created in 1918, that brings together scientific bodies from various domains, including international sci-

स्टेनफोर्ड यूनिवर्सिटी की शीर्ष अंतर्राष्ट्रीय वैज्ञानिक सूची में सीयूपी के 11 अध्यापक



स्टेनफोर्ड यूनिवर्सिटी की शीर्ष अंतर्राष्ट्रीय वैज्ञानिक सूची में सीयूपी के 11 अध्यापकों का नाम शामिल है। यह सूची विश्व के शीर्ष वैज्ञानिकों को सूचीबद्ध करती है। सीयूपी के 11 अध्यापकों में प्रोफेसर प्रो. प्रदीप कुमार, प्रो. प्रदीप कुमार, प्रो. प्रदीप कुमार, प्रो. प्रदीप कुमार, प्रो. प्रदीप कुमार, प्रो. प्रदीप कुमार, प्रो. प्रदीप कुमार, प्रो. प्रदीप कुमार, प्रो. प्रदीप कुमार, प्रो. प्रदीप कुमार, प्रो. प्रदीप कुमार शामिल हैं।

Pb central varsity hosts meeting of consortium of edu institutions

century collaboration was the key to accomplishing success

सीयूपीबी में 12वीं पुस्तक प्रदर्शनी शुरु

कुलपति प्रो. तिवारी ने **लिया डड्डा**, 35,000 से ज्यादा पुस्तकें की गई प्रदर्शनी

जम्मू संसददाता बहिष्कार: पंजाब केंद्रीय विश्वविद्यालय बहिष्कार (सीयूपीबी) में संग्रहालय की 12वीं पुस्तक प्रदर्शनी का आयोजन किया गया। कुलपति प्रो. रायचंद प्रसाद शिखरी के नेतृत्व में आयोजित की गई पुस्तक प्रदर्शनी का संकलन सीयूपीबी पुस्तकालय का है। इसमें विभिन्न विषयों पर प्रकाशित 35,000 से अधिक पुस्तकें प्रदर्शित की गई हैं।



केंद्रीय पुनर्निर्माण में शामिल की गई पुस्तक प्रदर्शनी के दौरान सीयूपीबी कुलपति प्रो. रायचंद प्रसाद शिखरी के नेतृत्व में आयोजित की गई पुस्तक प्रदर्शनी का संकलन सीयूपीबी पुस्तकालय का है। इसमें विभिन्न विषयों पर प्रकाशित 35,000 से अधिक पुस्तकें प्रदर्शित की गई हैं।

सीयूपीबी में जी-20 यूनिवर्सिटी कनेक्ट फिनाले की लाइव स्ट्रीमिंग का आयोजन



सीयूपीबी में जी-20 यूनिवर्सिटी कनेक्ट फिनाले की लाइव स्ट्रीमिंग का आयोजन किया गया। इस कार्यक्रम में सीयूपीबी के छात्रों ने भाग लिया और जी-20 यूनिवर्सिटी कनेक्ट फिनाले में भाग लिया।

समारोह • केंद्रीय विश्वविद्यालय में गुरु नानक देव जी की वाणी और विश्व दृष्टि विषय पर सेमिनार का हुआ आयोजन

गुरुबाणी में पाया जा सकता है समकालीन संकटों का समाधान

जम्मू संसददाता बहिष्कार: पंजाब केंद्रीय विश्वविद्यालय (सीयूपीबी) में गुरु नानक देव जी की वाणी और विश्व दृष्टि विषय पर सेमिनार का आयोजन किया गया। इस कार्यक्रम में सीयूपीबी के छात्रों ने भाग लिया और गुरु नानक देव जी की वाणी और विश्व दृष्टि विषय पर सेमिनार का आयोजन किया गया।



केंद्रीय पुनर्निर्माण में शामिल की गई पुस्तक प्रदर्शनी के दौरान सीयूपीबी कुलपति प्रो. रायचंद प्रसाद शिखरी के नेतृत्व में आयोजित की गई पुस्तक प्रदर्शनी का संकलन सीयूपीबी पुस्तकालय का है। इसमें विभिन्न विषयों पर प्रकाशित 35,000 से अधिक पुस्तकें प्रदर्शित की गई हैं।

यंशपत्र बेचती 'दृगमिटी हॉल' में भी माटी मेरा देस मुहिम उठित बँधी

गुरुबाणी में पाया जा सकता है समकालीन संकटों का समाधान

जम्मू संसददाता बहिष्कार: पंजाब केंद्रीय विश्वविद्यालय (सीयूपीबी) में गुरु नानक देव जी की वाणी और विश्व दृष्टि विषय पर सेमिनार का आयोजन किया गया। इस कार्यक्रम में सीयूपीबी के छात्रों ने भाग लिया और गुरु नानक देव जी की वाणी और विश्व दृष्टि विषय पर सेमिनार का आयोजन किया गया।



केंद्रीय पुनर्निर्माण में शामिल की गई पुस्तक प्रदर्शनी के दौरान सीयूपीबी कुलपति प्रो. रायचंद प्रसाद शिखरी के नेतृत्व में आयोजित की गई पुस्तक प्रदर्शनी का संकलन सीयूपीबी पुस्तकालय का है। इसमें विभिन्न विषयों पर प्रकाशित 35,000 से अधिक पुस्तकें प्रदर्शित की गई हैं।

'राष्ट्रीय एकता व सद्भावना को मजबूत करती रहेगी हिंदी भाषा'

जम्मू संसददाता बहिष्कार: पंजाब केंद्रीय विश्वविद्यालय (सीयूपीबी) में राष्ट्रीय एकता व सद्भावना को मजबूत करती रहेगी हिंदी भाषा

जम्मू संसददाता बहिष्कार: पंजाब केंद्रीय विश्वविद्यालय (सीयूपीबी) में राष्ट्रीय एकता व सद्भावना को मजबूत करती रहेगी हिंदी भाषा



केंद्रीय पुनर्निर्माण में शामिल की गई पुस्तक प्रदर्शनी के दौरान सीयूपीबी कुलपति प्रो. रायचंद प्रसाद शिखरी के नेतृत्व में आयोजित की गई पुस्तक प्रदर्शनी का संकलन सीयूपीबी पुस्तकालय का है। इसमें विभिन्न विषयों पर प्रकाशित 35,000 से अधिक पुस्तकें प्रदर्शित की गई हैं।

यंशपत्र बेचती 'दृगमिटी हॉल' में भी माटी मेरा देस मुहिम उठित बँधी

गुरुबाणी में पाया जा सकता है समकालीन संकटों का समाधान

जम्मू संसददाता बहिष्कार: पंजाब केंद्रीय विश्वविद्यालय (सीयूपीबी) में गुरु नानक देव जी की वाणी और विश्व दृष्टि विषय पर सेमिनार का आयोजन किया गया। इस कार्यक्रम में सीयूपीबी के छात्रों ने भाग लिया और गुरु नानक देव जी की वाणी और विश्व दृष्टि विषय पर सेमिनार का आयोजन किया गया।



केंद्रीय पुनर्निर्माण में शामिल की गई पुस्तक प्रदर्शनी के दौरान सीयूपीबी कुलपति प्रो. रायचंद प्रसाद शिखरी के नेतृत्व में आयोजित की गई पुस्तक प्रदर्शनी का संकलन सीयूपीबी पुस्तकालय का है। इसमें विभिन्न विषयों पर प्रकाशित 35,000 से अधिक पुस्तकें प्रदर्शित की गई हैं।

Follow us on Social Media

 : https://x.com/cup_bathinda

 : <https://www.facebook.com/centraluniversityofpunjab>

 : https://www.instagram.com/cup_bathinda/



Chief Patron:

Prof. Raghavendra P. Tiwari, Vice-Chancellor, CU Punjab

**CUPB Newsletter Compiled and Designed by:
Office of Public Relations & CUPB Newsletter Committee**

CENTRAL UNIVERSITY OF PUNJAB

Address: V.P.O. Ghudda, Bathinda, Punjab – 151401

Website: www.cup.edu.in