

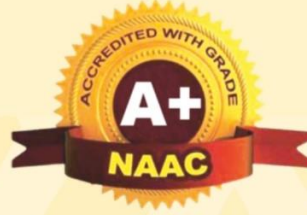
ਪੰਜਾਬ ਕੇਂਦਰੀ ਵਿਸ਼ਵਵਿਦਾਲਯ / ਪੰਜਾਬ ਕੇਂਦਰੀ ਯੂਨੀਵਰਸਿਟੀ CENTRAL UNIVERSITY OF PUNJAB

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In second cycle of assessment



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सुदीक्षा
SUDI KSHA
A CUPB Newsletter

EDITION:
February-March, 2023
Volume 11 (No. 2)

Highlights of this Edition



Central University of Punjab celebrated its 14th Foundation Day

7—8

9—10

National Assessment and Accreditation Council Peer Team Visits Central University of Punjab



Two days ICSSR sponsored National Seminar on "India's Presidency of G20 and its Role as a Norm Initiator" held at CUPB

15—17

19—21

Indo-Japan Symposium on 'Neurological Disorders' held at Central University of Punjab



Central University of Punjab successfully coordinated Exposure Visit of Manipur Student Delegates to Punjab under Yuva Sangam Programme

31—34

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Our Mentors



Smt. Droupadi Murmu

Hon'ble President of India
& Visitor of CUPB



Shri Narendra Modi

Hon'ble Prime Minister
of India



Shri Dharmendra Pradhan

Hon'ble Education
Minister of India



Prof. Jagbir Singh

Hon'ble Chancellor, CUPB

Vice-Chancellor's Message

I am profoundly happy to share some of my thoughts on this solemn occasion of the completion of 14 glorious years of the Central University of Punjab in the field of teaching and research. The joy of the 14th Foundation Day Celebrations has multiplied manifold when I have received the update from the office of UGC that our university has been accredited with an A+ grade from NAAC with 3.3 out of 4 grade points in its second cycle of accreditation.

The world-famous aerospace scientist and the former president of India, Dr. A.P.J. Abdul Kalam, said that "a dream is not something you see while sleeping, it is something that does not let you sleep". The preparedness for the NAAC Peer Team Visit by the entire CUPB students, faculty and staff members for the second time within six months and the resultant grade CUPB obtained reminded me of Dr. Kalam's inspirational words to dream and innovate in our lives. In the first cycle, of NAAC Assessment held in 2016, we were accredited with an A grade. The hard work of our entire students, faculty and employees throughout the last five years was rewarded with the elevation of NAAC accreditation Grade from A to A+.

The consistent efforts made by the IQAC to improve academic and administrative performance and the support extended by the entire university fraternity to develop a quality culture at CUPB has contributed to enhancing the university's performance in all the seven evaluation criteria of NAAC i.e. Curricular Aspects, Teaching-Learning and Evaluation; Research, Innovations and Extension; Infrastructure and Learning Resources; Student Support & Progression; Government, Leadership & Management; and Institutional Values and Best Practices. The NAAC accreditation of an A+ Grade will enable the Central University of Punjab not only to secure more funds from central agencies but also attract a large number of students from India and abroad to study at this highly sought-after destination of learning.

I congratulate all faculty, research scholars, students, officers, and the non-teaching community of the university for their commendable efforts leading to this exceptional achievement. Let us work with renewed vigour and zeal in the future to achieve better results.

As this edition of SUDI KSHA – A CUPB Newsletter also marks the tenth anniversary of this newsletter, I applaud the persistent efforts put forth by Newsletter Editorial Team to compile activities and accomplishments of the university and update our stakeholders.

Warm regards,

Prof. Raghavendra P. Tiwari
Vice-Chancellor



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

Registrar's Message

I am delighted to present the February—March, 2023 edition of SUDI KSHA – A CUPB Newsletter, which is like the coveted record book for the entire CUPB fraternity to know the activities and accomplishments of the university. Kudos to the efforts of the editorial team for providing a glimpse of the vibrant environment of our university with the compilation of all major events in this edition.



This two-month period remained very prolific for the university, as the university administration hosted major events such as the visit of the NAAC peer team, the 14th Foundation Day Ceremony, Yuva Sangam exposure visits, the National Seminar on G20, and many others. Due to the committed efforts of our faculty, staff, and officials to provide our exuberant students with the opportunities to experience a new way of life, make them more employable and globally aware in the fields of education and research, the university has been accredited with an A+ grade from NAAC in its second cycle of assessment. I congratulate the entire CUPB fraternity for setting higher benchmarks.

Let me briefly conclude with an update on infrastructure development works, as the second phase of construction is in full swing. The planning of Library, Academic Block and University Main Gate has been completed and is in the tendering stage. The main entrance's balanced portion of road construction work has started. The university has earmarked 17 acres (12 acre + 5 acre) of land for the establishment of a kinnow garden where the tree plantation work has been completed. I wish you all the best for your future endeavours.

(Prof. B.P. Garg)
Registrar (I/c) and Controller of Examinations

Message by Chairperson of Editorial Board

I am thrilled to share that the February-March 2023 edition of SUDI KSHA – the CUPB Newsletter marks the 10th anniversary of our university's newsletter, which has acted as a record book of the university's activities and accomplishments. As a member of the Editorial Team, I feel immense pride in being associated with this newsletter's editorial team for more than a decade. The newsletter's editorial team has worked tirelessly to provide updates to our academic fraternity regarding important developments made by CUPB in the field of education and research.



In the last 10 years, this newsletter has evolved as a medium to connect our stakeholders and provide them a glimpse of the cosmopolitan space prevailing at the university, where learners get ample opportunities to unleash their hidden potential and develop themselves into global citizens. This newsletter helps our readers to know the views of eminent academicians who visit the university and evaluate the progress made by the CUPB administration to accomplish the vision and mission of the university.

On this momentous occasion, our editorial team and Public Relations Office have introduced a flipping e-book version of this newsletter, which can be easily accessible in the digital landscape.

On behalf of the entire Editorial Team, I extend my heartfelt gratitude to our readers who have been a part of our newsletter's journey. Their support always motivates us to provide thought-provoking content that empowers, educates, and fosters a sense of belonging within our university community.

(Prof. Alpa Saini)
Chairperson, Editorial Board

Editorial

We are pleased to forward the February-March 2023 edition of 'SUDI KSHA: A CUPB Newsletter' to the academic fraternity and students. This edition is special as it highlights the growing stature of the Central University of Punjab as an emerging centre of excellence in education and research under the dynamic leadership of Vice-Chancellor Prof. Raghavendra P. Tiwari. The accomplishment of A+ Grade NAAC accreditation by the Central University of Punjab in this tenure further testifies to this statement. This achievement is the result of the persistent efforts of the administration, faculty, and students.

This edition of the CUPB Newsletter features the mega events such as the NAAC Peer Team Visit, the 14th Foundation Day Ceremony, the 11th Sports Meet, etc, held in this period. The Foundation Day Ceremony of the University was celebrated with enthusiasm and zeal by the entire CUPB fraternity. On this momentous occasion, the Vice-Chancellor and university administration conferred special awards and appreciation certificates on university students, research scholars, faculty, and staff members based on their annual performance.

In addition to the above, the university organised a series of National/International Seminars and Workshops such as the ICSSR sponsored National Seminar on India's Presidency of the G20 and its role as a Norm Initiator; National Seminar on the Contribution of Sapta Sindhu Literature in the Indian Freedom Struggle; the Workshop on Curriculum Development; the DST-SERB sponsored Workshop on Geospatial Technology for Monitoring Environmental Hazards; the Indo Japan Symposium on Neurological Disorders, etc. The university also focuses on developing research capabilities among its students with a CME on Scientific Publication and a Workshop on Systematic Review and Meta Analysis. Apart from academic events, the university has organised extracurricular events regularly to provide holistic education to our students such as Food Carnival, International Mother Language Day Celebrations, events on women's empowerment etc. This edition provides a brief overview of all these activities for our readers.

This edition also puts a spotlight on Yuva Sangam Exposure Visits, An Initiative by the Ministry of Education. The Central University of Punjab was the nodal centre in the Punjab region under the Yuva Sangam Programme and has successfully coordinated the exposure visit of a Manipur student contingent to the state of Punjab from March 6—12, 2023. During their exposure visit to Punjab, the Manipuri youngsters were delighted to enhance their knowledge about the glorious history of Sikh religion, art, and the rich culture and heritage of Punjab. After this, the Central University of Punjab also organised a flag off ceremony and reception ceremony for the Punjab student delegates who visited Manipur, the beautiful state of north-eastern India, from March 23—29, 2023. Last but not least, this edition showcases the achievements of our faculty and students

Thus, the February-March edition of Sudiksha provides an opportunity to experience the cosmopolitan atmosphere at the Central University of Punjab, where students learn beyond the classroom and develop their intellectual capabilities. We hope you will enjoy reading it as much as we enjoyed compiling it.

Warm Regards,

Editorial Board

Words of wisdom by Hon'ble Vice-Chancellor

मातृभाषा : आत्मनिर्भर भारत की राह

मनुष्य ने आदिम युग से ही विकास के अनेकानेक मानदंड स्थापित किए हैं। उसकी श्रेष्ठतम उपलब्धियों में से एक है भाषा का आविष्कार, परिष्कार एवं अब तक कि अजेय यात्रा। संस्कृताचार्य दण्डी उद्घोषणा करते हैं कि यदि भाषा नामक ज्योति अथवा शब्द प्रकाश न होता तो यह संसार अंधकारमय रहता- **इदमन्धं तमः कृत्स्नं जायेत भुवनत्रयम्। यदि शब्दाह्वयं ज्योतिरासंसारं न दीप्यते॥** यानी हम शब्द अर्थात् भाषा के माध्यम से ही इस ब्रह्मांड और इसके विविध घटकों का परिचय एवं उनके सदुपयोग की प्रेरणा लेते हैं। इसे मार्खेज के उपन्यास 'एकाकीपन के सौ वर्ष' के उस प्रसंग से समझा जा सकता है जिसमें एक गाँव के लोग धीरे-धीरे वस्तुओं और प्राणियों के नाम भूलने लगते हैं। गाँव का एक परिवार सुबह उठने पर पाता है कि उसके द्वार पर चार पैरों वाला एक पशु बंधा है। उसका नाम एवं उपयोगिता लगभग समस्त ग्रामवासी भूल चुके हैं। ऐसे में एक व्यक्ति बताता है कि यह गाय है और इसे दुहते हैं। धीरे-धीरे स्पष्ट होता है कि इसका दूध मानव जीवन में अत्यधिक उपयोगी है। यह सारी बातें वह गते पर लिखकर गाय के गले में लटका देता है ताकि यह बातें विस्मृत न हो। इस उदाहरण से आचार्य दण्डी का कथन और भी स्पष्ट हो जाता है कि यदि शब्द नाम का प्रकाश न हो तो यह ब्रह्मांड अंधकार के गर्त में डूबा रहे।



आचार्य राघवेंद्र प्रसाद तिवारी
कुलपति
पंजाब केंद्रीय विश्वविद्यालय

शब्द एवं भाषा से हमारा परिचय बचपन में ही हो जाता है। बच्चे के माता-पिता एवं पारिवारिक सदस्य उससे बचपन से ही कुछेक बात करते रहते हैं। बच्चा उन शब्दों को प्रारंभ में नहीं समझता किंतु वह ध्वनियों को पकड़ता है और उनपर अपने हाव-भाव प्रकट करता है। धीरे-धीरे वह उन शब्दों का अर्थ समझते हुए उनको व्यवहार में लाता है। परिवार एवं अड़ोस-पड़ोस का परिवेश ही उसके लिए भाषा की प्रथम पाठशाला है। बाल्यकाल के परिवेश में बच्चा जो भाषा सीखता है वही उसकी मातृभाषा है। अतएव मातृभाषा को केवल माँ की ही भाषा तक न सीमित करके उसे बच्चे के प्राथमिक परिवेश के संदर्भ में देखना चाहिए। 'शब्दों का सफर' लिखने वाले अजित वडनेरकर का कहना है कि 'मेरा स्पष्ट मत है कि मातृभाषा में 'मातृ' शब्द से अभिप्राय उस परिवेश, स्थान, समूह में बोली जाने वाली भाषा से है जिसमें रहकर कोई भी व्यक्ति अपने बाल्यकाल में दुनिया के सम्पर्क में आता है।'

मातृभाषा कितना संवेदनशील विषय है इसका अंदाज़ा इसी बात से लगाया जा सकता है कि हमारे पड़ोसी बांग्लादेश के मुक्ति आंदोलन की एक सशक्त माँग मातृभाषा थी। पश्चिमी पाकिस्तान द्वारा बांग्ला भाषी पूर्वी पाकिस्तान पर राजकाज एवं शिक्षा में उर्दू भाषा थोपी जा रही थी। इसका तीव्र विरोध हुआ और बांग्लादेश का एक नए देश के रूप में उदय हुआ। मातृभाषा के महत्व को रेखांकित करने और जनसामान्य तक इस विषय को ले जाने के निमित्त ही यूनेस्को द्वारा मातृभाषा दिवस मनाने की घोषणा 17 नवंबर, 1999 को की गई थी एवं वर्ष 2000 से संपूर्ण विश्व में इस दिवस का उल्लासपूर्वक आयोजन किया जा रहा है। विश्व भर में 21 फरवरी को अंतर्राष्ट्रीय मातृभाषा दिवस के अवसर पर भाषा के महत्व के प्रति जागरूकता, लगाव और समर्पण का भाव जागृत करने हेतु विविध कार्यक्रम आयोजित होते हैं।

पिछले कुछ वर्षों से हमारे देश में भी मातृभाषा को लेकर विमर्श में गतिशीलता आयी है। भाषाविद् एवं शिक्षाविद् इस बात को लेकर चिंतित हैं कि हमारी मातृभाषाएं बड़ी तीव्रता से लुप्त हो रही हैं। आज देश में कई ऐसी मातृभाषाएं हैं जिन्हें बोलने वालों की संख्या निरंतर कम हो रही है। हम कह सकते हैं कि जब पृथ्वी को एक वैश्विक गाँव के रूप में स्वीकृति मिल रही है तब केवल कुछ भाषाएँ ही शेष रहे तो कोई नुकसान नहीं है। परन्तु ऐसा सोचने वाले यह भूल जाते हैं कि किसी भाषा विशेष का नष्ट होना एक पूरी की पूरी संस्कृति एवं जीवन-दृष्टि का नष्ट होना है। भाषा और साहित्य के मर्मज्ञ आचार्य राधावल्लभ त्रिपाठी कहते हैं कि 'प्रत्येक परिवेश की अपनी एक शब्दावली होती है जिसमें अपने आस-पास की वस्तुओं और प्राणियों को नाम दिया जाता है। इन शब्दों के खत्म होने से एक दुनिया मिटती जा रही है, एक धरोहर नष्ट हो रही है।'

स्वतंत्रता पूर्व उपनिवेशवादी अंग्रेज सरकार ने अपने काम-काज की सुगमता हेतु अंग्रेज़ी को ही राजभाषा बनाया। फलस्वरूप व्यवस्था के समस्त कार्य अंग्रेज़ी भाषा में संपादित होने लगे। अंग्रेज़ी भाषा का ज्ञान अनिवार्य हो गया एवं हमारे विद्यालयों में अंग्रेज़ी का बीजवपन हुआ। अंग्रेज़ों ने देशी शिक्षा व्यवस्था को नहीं चलने दिया। परंपरागत शिक्षा व्यवस्था को उन्होंने उखाड़ा फेंकना चाहा। इस विषय पर 20 अक्टूबर 1931 को लंदन में हुए गोलमेज सम्मेलन में गांधी जी ने कहा था, 'गाँव की पाठशालाएँ इन मालिकों को अपने उपनिवेशी

कार्यक्रमों के अनुकूल नहीं पड़ती थीं। धीरे-धीरे पुरानी संस्थाओं को मान्यता नहीं मिली, वे समाप्त हो गईं। यूरोपीय साँचे के स्कूल खर्चीले थे, उन्हें जनता नहीं चला सकी। मैं चुनौती दे रहा हूँ कि सौ वर्षों में भी यूरोपीय साँचे के कार्यक्रमों से कोई इस देश में पूर्ण साक्षरता ला दे। गांधी जी की बात सही प्रमाणित हुई और सदियों पुरानी हमारी आत्मनिर्भर ज्ञान परंपरा एवं अर्थव्यवस्था नष्ट होने के कगार पर आ गयी। ऐसी परिस्थिति में भारतीयों को जीविकोपार्जन हेतु नौकरी पर निर्भर होना पड़ा एवं मजबूरन अंग्रेजी सीखनी पड़ी। शनैः-शनैः यह अंग्रेजी भाषा सत्ता और वर्चस्व का उपकरण बनती गयी। स्वतंत्रता आंदोलन के असंख्य नायक-नायिकाओं का स्वप्न था कि विदेशी-व्यवस्था की इतिश्री के पश्चात स्वभाषा ही देश में प्रत्येक स्तर पर व्यवहृत होगी। गांधी जी ने तो स्पष्ट शब्दों में कहा था 'हमारा स्वतंत्र भारत पुराने गाँव के अध्यापक को वापस लाएगा एवं हर गाँव के बच्चे-बच्चियों दोनों के लिए स्कूल दे देगा।' राजस्थान सरकार ने पाँच हजार से अधिक की आबादी वाले सभी गाँवों में महात्मा गाँधी इंग्लिश मीडियम स्कूल खोला है। इसे विडंबना नहीं तो क्या कहा जाए कि जो गांधी जीवन पर्यंत अंग्रेजी माध्यम में शिक्षा का विरोध करते रहे उनके ही नाम पर अंग्रेजी मीडियम स्कूल खोलना कहाँ तक उचित है। यह स्थिति कमोवेश किसी एक राज्य या एक राजनीतिक पार्टी की नहीं है। दिल्ली की केजरीवाल सरकार सरकारी खर्च पर इंग्लिश स्पीकिंग कोर्स चला रही है। उत्तर प्रदेश की योगी सरकार ने लगभग पाँच हजार प्राथमिक विद्यालयों को हिंदी से अंग्रेजी माध्यम में कर दिया। बंगाल के विद्यालयों में बंगाली पीछे छूट रही है। वाईएसआर के नेतृत्व वाली आंध्र प्रदेश सरकार ने तो पूरी प्राथमिक शिक्षा को अंग्रेजी माध्यम में कर देने का आदेश जारी किया था। इस प्रकार अपनी भाषा को लेकर जो स्वप्न हमारे पुरखों ने देखा था, आज स्वाधीनता के 75 वर्षों बाद भी वह स्वप्न ही है। वर्तमान स्थिति यह है कि न तो अपनी मातृभाषा में शिक्षा है, न स्वास्थ्य, न न्याय और न अर्थतंत्र। प्रारंभिक से लेकर किन्तु उच्च शिक्षा तक अंग्रेजी का ही बोलबाला है। न्याय प्रणाली में आज भी भारतीय भाषाओं को न के बराबर स्थान प्राप्त है। बीमारियों-दवाइयों के नाम सहित पर्व भी अंग्रेजी में ही लिखे जाते हैं। भारत जैसे लोकतांत्रिक देश के लिए यह अतिआवश्यक है कि शासन-प्रशासन एवं जीवन शैली में आम नागरिकों की अधिकाधिक सहभागिता सुनिश्चित हो। ऐसा तभी संभव है जब जीवन के प्रत्येक क्षेत्र में मातृभाषा ही उपयोग में हो। 1930 के पहले के अंग्रेज अधिकारियों की रिपोर्ट कहती है इस देश का शिक्षित व्यक्ति एक से अधिक भाषाओं का ज्ञान प्राप्त करता था। उस समय संस्कृत, फ़ारसी और स्थानीय भाषा का ज्ञान प्राप्त करना शिक्षा का महत्वपूर्ण अंग होता था। बावजूद इसके, ब्रिटिश अर्थशास्त्री एंगस मैडिसन के अनुसार, 1700 में वैश्विक अर्थव्यवस्था में भारत की भागेदारी 24.4% थी जो कि ब्रिटिश काल में घटकर 1950 में 4.2% रह गयी। साथ ही वैश्विक औद्योगिक उत्पादन में भी 1750 में यह भागेदारी 25% से घटकर 1900 में 2% हो गयी जबकि इस काल-खंड में शिक्षा के क्षेत्र में अंग्रेजी अपना पैर पसार रही थी। जिससे सिद्ध होता है कि आर्थिक दृष्टि से भी अंग्रेजी हमारे लिए हितकारी नहीं है। किन्तु दुःखद विषय यह है कि आज देश के ज्यादातर हिस्सों में हम अपनी मातृभाषा की कीमत पर अन्य भाषाओं को बोलने, लिखने एवं पढ़ने में प्राथमिकता देकर अपनी मातृभाषा को कमजोर कर रहे हैं, उसमें उपलब्ध संपन्न साहित्य से वंचित एवं उसमें निहित संस्कृति से विमुख हो रहे हैं। फलतः हम अपनी सांस्कृतिक धरोहर को भूल रहे हैं एवं हीन भावना के शिकार हो रहे हैं। हाल ही में उच्चतम न्यायालय के मुख्य न्यायाधीश डी. वाई. चंद्रचूड़ ने एक घोषणा की है, जिससे कुछ आशा बंधती है। उन्होंने कहा है कि देश के अंतिम व्यक्ति को सस्ता एवं त्वरित न्याय मिले इसके हर संभव प्रयास किए जाएंगे। जब तक हमारे देश के नागरिक को उस भाषा में न्याय नहीं मिलेगा जिसे वह समझता है तब तक न्याय व्यवस्था की सार्थकता सिद्ध नहीं होगी। मुख्य न्यायाधीश की यह पहल निश्चित ही स्वागत योग्य है।

शिक्षा के क्षेत्र में यदि देखें तो विज्ञान और तकनीकी शिक्षा को मातृभाषा में प्रदान करके ही शिक्षा को सही अर्थों में सर्वसमावेशी बनाया जा सकता है। भारतरत्न एवं नोबल पुरस्कार से सम्मानित तथा रमन-इफेक्ट के लिए प्रसिद्ध भौतिक विज्ञानी सी.वी. रमन ने कहा था कि हमें विज्ञान की शिक्षा मातृभाषा में देनी चाहिए। अन्यथा विज्ञान एक छद्म कुलीनता और मगरूरियत भरी गतिविधि बनकर रह जाएगा। ऐसे में विज्ञान के क्षेत्र में आम लोग कार्य नहीं कर पाएंगे। किंतु वर्तमान परिस्थितियां यह है कि भाषा के कारण विद्यार्थियों के बीच भेदभाव बढ़ रहा है। अंग्रेजी से इतर किसी भारतीय भाषा में शिक्षा प्राप्त व्यक्ति को हीन दृष्टि से देखा जाता है। फलतः माता-पिता बच्चों को अंग्रेजी माध्यम के 'स्कूल' में भेजने हेतु अपनी समस्त जमा-पूँजी गँवा देते हैं। साथ ही बच्चे अपनी समस्त ऊर्जा विदेशी भाषा सीखने में नष्ट करते हैं। काशी हिंदू विश्वविद्यालय में अपने एक व्याख्यान में गांधी जी ने कहा था कि पूना के कुछ प्रोफेसरों से मेरी बात हुई। उन्होंने बताया कि चूँकि हम अंग्रेजी माध्यम से भारतीय विद्यार्थियों को शिक्षा देने का प्रयास करते हैं इसलिए उनको अपने जीवन के अमूल्य वर्षों में से कम से कम छः वर्ष अधिक खर्च करना पड़ता है। इससे श्रम और संसाधन का भी घोर अपव्यय होता है।' उन्होंने यह भी कहा था, 'यदि मैं डिक्टेटर होता तो आज से ही मातृभाषाओं में शिक्षा अनिवार्य कर देता। मैं पाठ्य-पुस्तकों की प्रतीक्षा नहीं करता, क्योंकि पाठ्य पुस्तकें तो स्वयं ही माध्यम लागू होने के साथ ही बाजार में आ जायेंगी।' आज अनेक वैज्ञानिक शोध यह प्रमाणित कर चुके हैं कि विद्यार्थी को यदि उसकी मातृभाषा में शिक्षा दी जाए तो वह त्वरित गति से विषयवस्तु को सीखता-समझता है। अनेक देश जैसे जापान, फ्रांस, जर्मनी अपनी मातृभाषा के चहुँमुखी उपयोग द्वारा ही आत्मनिर्भर बने हैं। भारत जैसे बहुभाषी देश को अपनी मातृभाषा के संरक्षण एवं संवर्धन हेतु इन देशों द्वारा अपनाए गए नीतियों एवं तरीकों को समझना-परखना एवं उनमें अमल करना चाहिए।

इन परिस्थितियों में 'राष्ट्रीय शिक्षा नीति - 2020' में निहित भाषा संबंधी प्रावधानों से आशा की नूतन किरण प्रस्फुटित हुयी है। देश के शीर्ष शिक्षाविदों के चिंतन से तैयार राष्ट्रीय शिक्षा नीति - 2020 भारत की विविध मातृभाषाओं के संवर्धन पर विशेष बल देती है। इस शिक्षा नीति में प्राथमिक शिक्षा संबंधी प्रावधानों के बिंदु 4.11 में रेखांकित किया गया है कि 'यह सर्वविदित है कि छोटे बच्चे अपनी घर की भाषा/मातृभाषा में सार्थक अवधारणाओं को अधिक तेजी से सीखते हैं और समझ लेते हैं।' इसलिए वर्तमान शिक्षा नीति का जोर इस बात पर है कि 'जहाँ तक संभव हो, कम से कम ग्रेड 5 तक, लेकिन बेहतर यह होगा कि ग्रेड 8 और उससे आगे तक भी शिक्षा का माध्यम, घर की भाषा/मातृभाषा/स्थानीय भाषा/क्षेत्रीय भाषा होगी। इसके बाद घर/स्थानीय भाषा को जहाँ भी संभव हो भाषा के

रूप में पढ़ाया जाता रहेगा। सार्वजनिक और निजी दोनों तरह के स्कूल इसकी अनुपालना करेंगे। विज्ञान सहित सभी विषयों में उच्चतर गुणवत्ता वाली पाठ्य पुस्तकों को घरेलू भाषाओं/मातृभाषा में उपलब्ध कराया जाएगा।'

इस प्रकार हमारी राष्ट्रीय शिक्षा नीति में यह प्रस्तावित है कि हम ऐसी व्यवस्था का निर्माण करें जिससे कम से कम कक्षा पाँच तक बच्चा अपनी मातृभाषा में शिक्षा ग्रहण करें। साथ ही प्रयास हो कि आगे यदि बच्चा अपनी मातृभाषा में ही पढ़ाई जारी रखना चाहता है तो उसके लिए सुविधापूर्ण वातावरण निर्मित किया जाए। अभी पिछले वर्ष ही मध्य प्रदेश के शिक्षा मंत्रालय ने मेडिकल की पढ़ाई हिंदी भाषा में करवाने की व्यवस्था प्रारंभ की है। शिक्षा के भारतीयकरण हेतु प्रतिबद्ध संघ एवं उसके आनुषांगिक संगठन समेत कई गैर-सरकारी संस्थानों के अथक प्रयासों से कर्मचारी चयन आयोग (SSC) द्वारा मल्टी टास्किंग नॉन टेक्निकल स्टॉफ (MTS) के लिए आयोजित परीक्षा को केंद्र सरकार ने 13 भारतीय भाषाओं में आयोजित करवाने का निर्णय लिया है। इस बीच नेशनल टेस्टिंग एजेंसी ने कॉमन यूनिवर्सिटी एन्ट्रेंस टेस्ट (सीयूईटी -यूजी) का देश की 13 विभिन्न भाषाओं में आयोजन कर भाषा के संवर्धन में नया अध्याय जोड़ा है। शिक्षा के क्षेत्र में भारतीय भाषाओं को प्राथमिकता देने वाला यह निर्णय निश्चित ही सराहनीय है।

देश-विदेश में हुए शोध से यह तथ्य उद्घाटित होता है कि बच्चा तीन वर्ष की आयु तक अपने परिवेश से लगभग एक हजार शब्द सीख जाता है। इन शब्दों का समावेश उसकी शिक्षा में हो जाने से उसकी सीखने की राह अपेक्षाकृत सुगम एवं सार्थक होगी। हाल ही में ब्रिटेन के 'यूनिवर्सिटी ऑफ रीडिंग' के शोधकर्ताओं ने अपने अध्ययन में पाया कि जो बच्चे एकाधिक भाषाओं का प्रयोग दैनिक जीवन में करते हैं वह बुद्धिमत्ता जाँच में उन बच्चों के मुकाबले अच्छे अंक लाये जो केवल गैर-मातृभाषा का ज्ञान रखते हैं। ऐसे शोध से प्रेरणा लेते हुए हमें बच्चों को मातृभाषा में व्यवहार करने हेतु प्रोत्साहित करना चाहिए। अन्य भाषाओं का ज्ञान कोई दोष नहीं अपितु अतिरिक्त कौशल है। निष्कर्षतः अपनी मातृभाषा को क्षति पहुँचाकर विदेशी भाषा का प्रयोग करना तर्क एवं न्याय संगत नहीं है।

आचार्य राघवेंद्र प्रसाद तिवारी
कुलपति, पंजाब केंद्रीय विश्वविद्यालय, बठिंडा

Moment of Pride

March 1, 2023: Central University of Punjab accomplished a new milestone by getting A+ grade from NAAC in its second cycle of assessment and accreditation

• **In the second cycle of NAAC assessment, the Central University of Punjab received an A+ from NAAC with 3.3/4 grade points**



In a major achievement, the Central University of Punjab has been accredited with an A+

Grade by the National Assessment and Accreditation Council in its second cycle of assessment. The university achieved a Cumulative Grade Point Average (CGPA) of 3.3 points on 4-point scale. CU Punjab has made significant progress in NAAC assessment this time by securing an A+ grade, having previously received an A grade from NAAC in its first cycle of assessment in 2016. In its short span of 14 years since its establishment in 2009, this is the first time that the university has been accredited with A+ grade (the second highest grade)

by NAAC.

Notably, the Central University of Punjab has showcased improvement in the NIRF Ranking in the University Category over the last four years, going from the 95th rank in NIRF 2019 to the 81st rank in NIRF 2022, and with the improvement in the NAAC Grade from an A grade in the first cycle of assessment to an A+ grade in the second cycle of assessment, the university has testified that it is marching ahead on the path of excellence.

On this occasion, Hon'ble Vice-Chancellor Prof. Raghavendra P. Tiwari expressed happiness on being accredited A+ grade by NAAC and congratulated the university family and the people of the state. It is a matter of immense pride for CU Punjab to receive A+ grade from NAAC. This milestone for the university reflects the sheer hard work and untiring effort by members of the

university, including the teachers, officers, staff, students, alumni and parents. NAAC A+ accreditation will enable the Central University of Punjab to not only secure more funds from central agencies but also attract a large number of students from India and abroad to study at this much sought-after destination of learning.

Earlier, a five-member NAAC Peer Team visited the CU Punjab Campus from February 22--24, 2023. The NAAC made its assessment on the set of seven

criteria under different key aspects based on the functioning and organizational focus. These criteria include Curricular Aspects; Teaching-learning and evaluation; Research, innovations and extension; Infrastructure and Learning resources; Student Support and Progression; Governance, Leadership and Management; Institutional Values and Best Practices

14th Foundation Day Celebrations

February 28, 2023: Central University of Punjab celebrated its 14th Foundation Day

The Central University of Punjab, Bathinda (CUPB), under the patronage of Vice Chancellor Prof. Raghavendra P. Tiwari, celebrated its 14th Foundation Day on Tuesday by recognising the contributions of scientists, faculty, staff and students in their respective fields. The Chief Guest of this programme was Prof. Sarabjit Singh Chahal, Former Vice-Chancellor, Khalsa University, Amritsar; Former Vice-Chancellor of Maharana Pratap University of Agriculture and Technology, Udaipur and Professor (Retd.), Punjab Agricultural University, Ludhiana.

On this occasion, the Chief Guest, Prof. S.S. Chahal, congratulated the CUPB fraternity on completing fourteen glorious years in the field of education and research. Prof. Chahal delivered a



Chief Guest Prof. S.S. Chahal addressing the participants

foundation day lecture on the topic of "Significant developments and international cooperations in Indian Food Production System". He stated that India has the strength and environment to grow any kind of crop, along with a good irrigation and water system. He emphasised that, despite the introduction of agricultural education and research in India in the 1870s, our country became an agricultural surplus state in the 1960s when the

government prioritised agriculture and introduced several high-yielding variety crops. He emphasised that with the excessive utilisation of pesticides over a period of time and too much dependence on cash crops, our farmers are currently facing a productivity gap in their crops. Therefore, we need to employ new technologies in agriculture and develop improved varieties to enhance agricultural production and meet our future needs. He advocated the inclusion of millets, the food of our ancestors, in our daily diet and encouraged farmers to focus on millet farming. He also encouraged CUPB scientists to work on developing innovative agricultural solutions to boost our agricultural economy.

In his presidential address, Vice Chancellor Raghavendra Tiwari expressed his gratitude towards former Vice-Chancellors (Prof. Jai



Vice-Chancellor Prof. R.P. Tiwari addressing the participants

Roop Singh and Prof. R.K. Kohli) of CUPB for laying a strong foundation on which the university can accomplish greater heights in near future. He stressed that during this 14-year journey, the Central University of Punjab has made remarkable progress in the various aspects of teaching and learning, research output, per capita research grant, and innovation. This is evident from the fact that the university has marked its place

among the top 100 universities in India in the NIRF Ranking consecutively for the last four years. Prof. Tiwari stated that the faculty, staff, students and alumni of the university have grown over a period of time, and with the efforts of the whole CUPB fraternity, this university is ready to take the leap to represent our country on a national and international level. He mentioned that our ancient civilization and knowledge traditions have always promoted the message of universal brotherhood and Global Science for Global Wellbeing, which is the theme of this year's National Science Day 2023. He concluded his talk by stating that the ultimate aim of education is to become wiser and wiser and to become relevant in fast changing scenarios and relevant in every aspect of human indulgence. Therefore, the faculty and staff members of our university need to put their best efforts into providing learner centric education through experiential learning, which will inculcate necessary skills among youngsters and create a skilled workforce for Industry 4.0.



Vice-Chancellor Prof. R.P. Tiwari and Chief Guest presenting award for best teacher to Dr.Puneet Kumar

During this ceremony, special awards and appreciation certificates were conferred on university students, research scholars, faculty, and staff members based on their annual performance. The Chancellor's Award for best PhD student is shared by Mr. Sahil Arora (Dept. of Pharmaceutical Sciences & Natural Products) and Ms. Shivani Thakur (Dept. of Environment Science & Technology). The Vice-Chancellor's Award for the best PG Girl and PG Boys students went to Ms. Taniya Gupta (Dept. of Pharmacology) and Mr. Himant Jatav (Dept. of Physical Education) respectively. Dr. Puneet Kumar (Dept. of Pharmacology) got the best Teacher Award. Dr. Shahila Zafar (Dept. of English) and Dr. Uma Shankar (Dept. of Pharmacology) got the appreciation

certificates for obtaining second and third place in student feedback as the best teachers. Mr. Ajay Kumar, Dr. Prachi Srivastava, and Mr. Subhash Chandar obtained the best non-teaching employees awards in the administrative category, technical category, and supporting category, respectively.

On this occasion, Ms. Kumari Prajapati from the Dept. of Biochemistry received the best research scholar award. The CUPB Outstanding Research Award in the sciences and social sciences stream was conferred on Dr. Shashank Kumar (Dept. of Biochemistry) and Dr. Sandeep Kaur (Dept. of Economics), respectively. Prof. Anjana Munshi, Dr. Vikas Jaitak and Dr. Sachin Kumar got the Role of Honor Award for getting five commendation certificates. A total of eighteen scientists got the Research Award for publishing in a high impact journal, and their names are as follows Dr. Shashank Kumar, Dr. Aklank Jain, Dr. Uma Shankar, Dr. Sachin Kumar, Dr. Prafulla Kumar Sahoo, Prof. Anjana Munshi, Dr. Krishna Kant Halder, Dr. Yogalakshmi K.N., Dr. Ashok Kumar, Dr. Sunil Kumar Singh, Dr. Suresh Threja, Dr. Pritam Chand, Dr. Achche Lal Sharma, Dr. Hari Krishna Reddy, Dr. Vinod Kumar, Dr. Vikramdeep Monga, Prof. Raj Kumar and Dr. Bawa Singh. Dr. Felix Bast received the appreciation certificates for being elected as a fellow of the Linnean Society of London, and Dr. Pardeep Kumar received an appreciation certificate for commendable research work.



Glimpses of Cultural Programme

During the cultural programme, students showcased spectacular singing, dancing, and other performances on topical issues of great relevance. Towards the end, Prof. B.P. Garg, Controller of Examinations and Registrar (O), gave a formal vote of thanks. The ceremony was attended by faculty, staff members, and students of the university.

NAAC Peer Team Visit

February 22—24, 2023: National Assessment and Accreditation Council Peer Team Visits Central University of Punjab

A five-member National Assessment and Accreditation Council (NAAC) Peer Team visited the Central University of Punjab, Bathinda (CUPB) from 22nd to 24th February, 2023 for the assessment of the second cycle Accreditation of the University. The chairperson of this NAAC Peer Team was Prof. Manikrao M. Salunkhe, Vice-Chancellor, Bharati Vidyapeeth, Pune. Prof. Salunkhe was the founder Vice-Chancellor, Central University of Rajasthan and former Vice-Chancellor of Shivaji University, Kolhapur; Yashwantrao Chavan Maharashtra Open University, Nashik; and Symbiosis University of Applied Sciences, Indore. The other members of the NAAC Peer Team were Prof. K.C. Sunny, former Vice-Chancellor, National University of Advanced Legal Studies, Kochi and currently Professor in CU Kerala; Prof. Harsha Patadia, Coordinator NAAC and Former Professor, Centre for Advanced Studies in Education at MS University, Baroda; Prof. Umesh K. Patil, Professor, Department of Pharmaceutical Sciences, Dr. Harisingh Gour Vishvidyalaya, Sagar; and Prof. Utpal Kumar De, Department of Economics, North Eastern Hill University, Shillong. On arrival at Bathinda, the Vice-Chancellor, Prof. Raghavendra P. Tiwari, welcomed the Peer Team.



NSS Volunteers giving Guard of Honour to NAAC Peer Team

On reaching the university campus on the first day of the visit, the NAAC Peer Team was warmly welcomed by CUPB fraternity. The team received a Guard of Honour and a gratifying salute from NSS

volunteers. In the opening session, the Vice-Chancellor, Prof. Raghavendra P. Tiwari, gave a presentation about the functioning of the university. He briefed the visiting team about the progress made by the university on the academic, administrative and infrastructure fronts.



Vice-Chancellor Prof. R.P. Tiwari presenting details about CUPB to NAAC Peer Team

The peer team had a detailed interaction with IQAC Director, Prof. Monisha Dhiman, and IQAC members, wherein they verified and scrutinized the documents. Following that, various interaction sessions were held with deans of schools, heads of departments, faculty, and research scholars, during which they presented their respective departments' accomplishments and shared their future plans. In the evening, NAAC Peer team attended a cultural programme organized by university students showcasing the Bharatiya Cultural Integration at Central University of Punjab. During this programme, students of CUPB from 27 different states and 7 union territories put their best foot forward to showcase glimpses of Ek Bharat Shreshtha Bharat by displaying spectacular performances of their respective cultures.

On the second and third day, the peer team interacted with the members of the Executive Council, Academic Council, Finance Committee, Planning Board, Building Advisory Committee,

Chairpersons of various cells, and university officers. Prof. B.P. Garg, Controller of Examinations and Registrar (I/c), briefed about the functioning of different administrative sections, the examination process and the evaluation pattern adopted by the university. Prof. R.K. Wusirika, Dean Incharge Academics; Prof. Anjana Munshi, Director Research and Development; Prof. P.K. Mishra, Finance Officer; Prof. Anil Mantha, Stores and Purchase Officer and other officials of the university shared the functions of their respective offices. The peer team had a series of interactions with other stakeholders, including alumni, parents, students, teaching, non-teaching staff and residents of Ghudda Village. The peer team expressed their happiness regarding the active participation of stakeholders, especially parents and alumni. During this visit, the Peer Team inaugurated Kinnow Garden at CUPB by planting kinnow saplings.



National Assessment and Accreditation Council Peer Team Visits Central University of Punjab

As a part of its schedule, the Peer Team visited around 16 departments and conducted onsite inspections at various infrastructure and learning facilities available at CUPB, viz. Research Laboratories, Teaching Laboratories, Library, Computer Centre, Audio Visual Studio, Museum, Botanical Garden, Animal House, Legal Aid Cell, Gymnasium, Boys and Girls Hostel, Residential Area, Annapurna Hall, Health Centre etc., to validate the Qualitative Metrics (QIM) as per the criteria of the Self Study Report (SSR).

The three-day visit of the NAAC Peer Team at CUPB concluded with an Exit Meeting held on 24th February, 2023, in which the Chairperson of the NAAC Peer Team, Prof. Salunkhe, handed over the report prepared by the NAAC Peer Team to the Vice-Chancellor, CUPB. Prof. Salunkhe congratulated all three vice chancellors of CUPB for selecting talented faculty, as with their consistent efforts the university is marching ahead to accomplish its vision of being recognised as one of the best research centric universities in the country.

On this occasion, Prof. Tiwari, while expressing gratitude towards the NAAC team, stated that the NAAC Peer Team members, during their visit, had provided an equal opportunity to all stakeholders to showcase their work and contributed valuable suggestions that would help the university excel further and touch new heights in the coming years.

11th Sports Meet

February 18, 2023: Students exhibited their sportsmanship spirit at 11th Annual Sports Meet held at Central University of Punjab

The Central University of Punjab, Bathinda (CUPB) successfully organized the 11th Annual Sports Meet at its Ghudda Campus. The inaugural ceremony of this mega sports championship was held in December 2022. In this meet, a marathon of sporting events, including track and field events, futsal, volleyball, badminton, etc., were organized.

The indigenous games of Punjab are the main attractions of the CUPB Sports Meet. More than 300 students from different departments enthusiastically participated in various gaming competitions and displayed their sportsmanship spirit during this sporting extravaganza.

The closing ceremony of this sporting extravaganza was held on February 18, 2023. Along with games for students, special games were organized for employees and their kids on this occasion.

The talented youngsters as well as fitness freak employees participated in the Indigenous Games of Punjab as well as other games such as shot put, long jump, 100-meter race, and 400-meter race. The highlight of the closing ceremony was the tug of war competition, in which ardent participation was received from students.

On this occasion, Prof. Raghavendra P. Tiwari, the Vice-Chancellor, congratulated students for their active participation in different sports competitions. He stressed that sports and healthy activities are important components for the holistic development of every participant, both mentally and physically.

The sports meet concluded with the prize distribution ceremony, wherein Prof. Ramakrishna Wusirika, Dean Incharge Academics and university officials distributed medals to honour the winners of various events. CUPB students applauded the winners and shared their pride as they stood at the podium, gracefully celebrating yet another victory for themselves.

In the beginning of the prize distribution ceremony, Dr. Sanjeev Mander, HoD, Dept. of Physical Education, formally welcomed all the dignitaries and participants. Towards the end, he thanked faculty and students for making this programme a huge success.



Vice-Chancellor Prof, R.P. Tiwari congratulating the athletes for their active participation



Students participating in Tug of War event



Student participating in Short Put Event



Faculty members participating in 100 meter race

National Workshops/Seminars

February 6—10, 2023: Central University of Punjab successfully organized five days' Workshop on Curriculum Development

The five days' workshop on Curriculum Development culminated at the Central University of Punjab with the valedictory ceremony held on Friday. The Department of Education in collaboration with the Internal Quality Assurance Cell (IQAC) of the Central University of Punjab, conducted this workshop from February 6—10, 2023, with the aim of enhancing the competency of higher education teachers to develop innovative multidisciplinary programmes addressing multiple challenges in society. As many as 180 faculties from CUPB and six other Higher Education Institutions of this region attended this workshop. The participants got hands-on training on curriculum designing, development, and enrichment; Identification process of Advanced and Slow Learners and Remediation; Development of Graduate Attributes, Programme or Course Learning Outcomes, Tools & Techniques for Assessment and Mapping in higher Education.

At the start of this workshop, Prof. Raghavendra P. Tiwari, the Vice-Chancellor, mentioned that a well-designed curriculum aims to offer outcome-based learning to students. He expressed his hope that this workshop would enable participants to create innovative curriculum for instilling necessary skills in learners in accordance with industry needs.

During this workshop, participants got an opportunity to interact with eminent academicians and get hands-on training on the workshop's sub-themes. On the first day, two lecture sessions were organized. The chief guest of the inaugural session was Prof. B.K. Tripathi, Former Director, NCERT, New Delhi & Director, IUCTE, BHU, Varanasi. He stressed on the need for the adoption of a holistic development approach in all the processes of Curriculum Development viz., development of course content, pedagogy, assessment tools, and programme learning outcomes. After this, Prof. Alok Gardia, Faculty of Education, Banaras Hindu University, Varanasi, deliberated on Identification Process of Advanced and Slow Learners, and

imparted training on Diagnosis tests & Remediation techniques.



Photo Collage of Glimpses of the Workshop

On the second and third days of this workshop, Prof. Saroj Bala Yadav, Former Dean Academics, NCERT, New Delhi, focused on incorporating flexibility in the curriculum innovation and institutional autonomy. She also laid stress on experiential learning, respect for diversity, synergy in curriculum at all levels and that faculty and students should be the main pivot of the teaching learning process. Prof. S.K. Yadav, Former Professor & Head, Department of Teacher Education, NCERT, New Delhi, enlightened the participants about various processes involved in curriculum development and designing i.e learner-centric and experiential curriculum; and processes involved in curriculum enrichment.

On the fourth and fifth days, Prof. Anil Kumar, Former Professor in Education, NITTTR, Bhopal (M.P.), discussed the concept of Development of Graduate Attributes, Programme Learning Outcomes (PLO) and Course Learning Outcomes

(CLO). He stressed that teachers should adopt a suitable teaching pedagogy that will not only provide experiential learning to students but also enable teachers to conduct continuous assessment of students' overall development as per course learning outcomes. He shed light on the latest evaluation tools, including rubrics, and urged teachers to define the criteria of assessment based on Course Outcome and Programme Outcomes to get accurate results.

While presenting the five days workshop report during the valedictory session, Dr. Shankar Lal Bika, Head and Dean, School of Education, expressed his gratitude towards the esteemed speakers for

enlightening the participants about the process to develop learning outcome-based curriculum. Overall, it was quite an informative and interactive session wherein all the faculty members participated enthusiastically and got insights to improve their curriculum. Prof. Monisha Dhiman, Director, IQAC, in her concluding remarks thanked the faculty for actively participating in all sessions of the workshop and providing needed support in accomplishing the workshop's objective. In the valedictory session, Dr. Sesadeba Pany from the Department of Education gave a formal vote of thanks.

March 1–7, 2023: Central University of Punjab organized DST-SERB-sponsored seven-day Workshop (Karyashala) on 'Geospatial Technology for Monitoring of Environmental Hazards and Disaster Management'

With the aim to provide hands on experience to students on the monitoring of environmental hazards and disaster management through the latest Geospatial Technical, the Department of Environmental Science and Technology, Central University of Punjab, in collaboration with Punjab Remote Sensing Centre, Ludhiana, organized a DST-SERB-sponsored seven-day workshop (Karyashala) on 'Geospatial Technology for Monitoring of Environmental Hazards and Disaster Management'. from March 1–7, 2023. Around 20 students from 10 different states of India have attended the workshop.

During the inaugural session, Dr. Yogalakshmi K.N., HoD, Dept. of Environmental Science and Technology, welcomed the participants. The guest of honour of the inaugural session, Dr. Raj K. Setia, event coordinator and PRSC—Fundamentals of Remote Sensing, explained about the opportunities available in the field of geospatial technology. He further mentioned that this workshop will empower youngsters with the skills to analyse and visualise geospatial data for disaster management.

In his presidential address, Vice-Chancellor Prof. Raghavendra P. Tiwari stressed that remote sensing and GIS are playing an important role in disaster management, and this workshop will provide an opportunity to learn the latest technology.

During the first three days, eminent scientists deliberated on various applications of geospatial technology to various environmental issues and provided hands-on training on GPS. The participants of this workshop have also got practical training on various applications of remote sensing and GIS, viz., Visual Image Interpretation of satellite data, Digital Image Processing, Geo-referencing and Projection, Crop residue burnt area mapping using optical satellite data, Crop damage assessment, Visualization of air quality data, Monitoring of drought affected areas, etc.

In the valedictory session, Dr. Puneeta Pandey, Event Coordinator, welcomed Hon'ble Vice-Chancellor Prof. R.P. Tiwari, the Guest of Honour, Dr. Brijendra Pateriya, Co-Coordinator Dr. R.K. Setia from Punjab Remote Sensing Centre (PRSC), faculty members, and participants of the valedictory session. She briefed those 20 students from 10 different states of India attended the workshop, and 15 experts/resource persons delivered lectures and conducted hands-on sessions in the workshop.

The Guest of Honour, Dr. Brijendra Pateriya, Director, Punjab Remote Sensing Centre (PRSC), emphasised the importance of geospatial technologies in disaster management and applications of the same in different states of India

during an event of disaster, such as floods, cyclones, and tsunamis.

In his presidential address, the Hon'ble Vice-Chancellor of the University, Prof. Raghavendra P. Tiwari, explained the recent advances in the field of geospatial technology, such as Machine Learning, Artificial Intelligence and IoT; and emphasized on strengthening the collaboration between PRSC and

CUPB for holding numerous workshops in the future so as to develop trained scholars in geospatial technology.

Towards the end, Dr. Yogalakshmi K.N., HoD, Department of Environmental Science and Technology gave a formal Vote of Thanks.

March 13, 2023: Central University of Punjab organized a CME on Scientific Publication

Intending to provide knowledge on how to write and publish scientific works, the Department of Pharmacology and the Department of Pharmaceutical Sciences and Natural Products, Central University of Punjab under the patronage of Vice Chancellor Prof. Raghavendra P. Tiwari Organized a CME on Scientific Publication in which four lecture series was conducted. The CME was sponsored by the Indian Pharmacological Society. Around 200 delegates from various departments actively participated in the event. Eminent speakers from PGIMER, Chandigarh and AIIMS, Bathinda enlightened the delegates with their knowledge. Prof. Anjana Munshi, Director Research and Development Cell, Central University of Punjab, cordially welcomed the guests.

The speaker for the 1st lecture was Prof. Bikash Medhi, Professor, PGIMER, Chandigarh, who explained how to publish in scientific peer review journals.

The 2nd lecture comprised statistical input in scientific publications explained thoroughly by Dr.

Ajay Prakash, Associate Professor, PGIMER, Chandigarh. In the 3rd lecture Dr. Pramod K. Avti, Associate Professor, PGIMER, Chandigarh demonstrated search strategies for scientific report and database. Dr. Abhinav Kanwal conducted the last lecture. He demonstrated how and why one should prefer publishing in UGC CARE journals and explained the concepts of Indexing and non-indexing journals.

Dr. Randhir Singh, HOD, Department of Pharmacology, Central University of Punjab, and the entire faculty of Pharmacology felicitated the guests. In his concluding remarks The organizing Chairperson, Dr. D. Harikrishna Reddy, Assistant Professor, Department of Pharmacology, Central University of Punjab, thanked the speakers, faculty members, students, and the organizing committee members for actively participating and successfully completing the workshop.



Group Photo of Participant and organizing Team Members

March 15—16, 2023: Central University of Punjab successfully organized two-day ICSSR sponsored national seminar on "India's Presidency of G20 and its Role as a Norm Initiator"

- **Acclaimed academicians and bureaucrats deliberated on different sub-themes of the national seminar**
- **India aspires to be the global leader not for dominance but for the prosperity and upliftment of the human civilization - Prof. R.P. Tiwari, V-C, CU Punjab**
- **Central University of Punjab to submit a white paper on positive outcomes of deliberations held in this Seminar to government authorities – Prof. R.P. Tiwari, V-C, CU Punjab**

Eminent educationists and academicians expressed their views during a two-day ICSSR-sponsored National Seminar on "India's Presidency of the G20 and its Role as a Norm Initiator" held at the Central University of Punjab from March 15–16, 2023. The event was organized as a part of a series of programs organized under India's Presidency of the G20, the intergovernmental forum comprising 19 countries and the European Union.

During the inaugural ceremony held on Wednesday, Prof. Sunaina Singh, Vice-Chancellor, Nalanda University, graced the occasion as the Chief Guest. Prof. Kuldeep Chand Agnihotri, Former Vice-Chancellor, Central University of Himachal Pradesh and Former Advisor to Union Ministry of Culture, participated as the Guest of Honour.

At the outset, Dr. Nishtha Ksushiki, Convener, welcomed the participants and introduced the esteemed guests. While elaborating on the Seminar theme, Dr. Bawa Singh, Dean and HoD, Department of South and Central Asian Studies, mentioned that the Group of Twenty (G-20) is the premier intergovernmental forum for international economic cooperation. India holds the Presidency of the G20 from 1 December 2022 to 30 November 2023.

Addressing the gathering of faculty, scholars and students, the Chief Guest of inaugural session, Prof. (Dr.) Sunaina Singh, Vice Chancellor, Nalanda

University, said that various multilateral organizations such United Nations, World Trade Organization, World Bank, UNICEF and others are working to



Prof. Sunaina Singh addressing the participants"

establish peace, harmony, and provide equitable opportunities to human civilization. But still, the world faces challenges related to global warming due to climate change, concentration of power and wealth, etc. The G-20 presidency of India is a unique opportunity for our country, as India has many useful lessons to share with the world related to living a harmonious lifestyle with nature, which might help the world come together to live in peace and adopt a harmonious lifestyle. India's outlook has always been that everybody should benefit from advancements rather than hoard knowledge. Even during the coronavirus pandemic, India developed vaccines, part of which were given to the outside world. Exhorting the students to learn, Prof. (Dr.) Sunaina Singh said that one of the hallmarks of the G-20 presidency is the coming together of the youth of the country to discuss multilateralism. India is known for its knowledge and wisdom, and the G-20 presidency of India would help in spreading India's message to the world: "One earth, One family, One future."

Delivering special remarks, the Guest of Honor of inaugural session, Prof. (Dr.) Kuldeep Chand Agnihotri, Former Vice-Chancellor, CUHP, and Former Advisor to the Union Minister of Culture, said that the G-20 is



Prof. K C Agnihotri addressing the participants

a forum for India to share two core values of its culture with the world: Vasudhaiva Kutumbakam and Sarve Bhavantu Sukhinah (happiness and peace for all). He said that the modern term "global village" is different from the Indian concept of Vasudhaiva Kutumbakam, and the latter is supreme as Indian concepts are beyond any kind of boundaries, especially economic ones. Prof. Agnihotri said that Indian culture, based on the philosophy of Neti Neti, inspires entire human civilizations to a continuous search for real truth and to always believe in adding on to good things. Our Sanatani culture is a culture which believes in continuity and under G-20's Presidency the citizens of India need to spread our cultural traits to other countries to elevate human civilization and make this world a peaceful place to live for living creatures.

The marathon of deliberations on different sub-themes of this National Seminar concluded on an inspirational note with a special valedictory session. Shri Satish Kumar, National Co-Organizer, Swadeshi Jagran Manch, and Padma Shri Prof. Harmohinder Singh Bedi, Hon'ble Chancellor, Central University of Himachal Pradesh, graced the closing ceremony of this national seminar as the Chief Guest and the Guest of Honor, respectively.

Speaking on this occasion, Padma Shri Prof. H.S. Bedi, the Guest of Honour of valedictory session, mentioned that it's a moment of pride for us that 'The Rigveda', the first literary document in the history of humankind written in the sacred land of the ancient Sapta Sindhu region of Punjab, has now been considered by UNESCO as the valuable treasure of the ancient world preserved in India. Even the top universities of the world have introduced courses on the Bhagwat Geeta to enlighten young minds by providing a grasp of India's intellectual and spiritual traditions that guide us to seek the meaning and a place in the larger plan of our existence. The G-20 Presidency of India gives us a platform to re-



Padma Shri Prof. H.S. Bedi addressing the participants

introduce the wisdom inherent in the ancient Indian Knowledge Tradition to the world and re-strategize our work to accomplish Sustainable Development Goals for making this world a better place to live

The Chief Guest of Valedictory Session, Shri Satish Kumar, delivered an inspirational talk on restoring the past glory of India again. He said that India's



Shri Satish Kumar addressing the participants

presidency of the G-20 is a moment of pride for us as the G-20 brings together the world's major and systemically important economies that represent 85% of global GDP, 75% of international trade, and two-thirds of the world's population. Citing the study of economic historian Angus Maddison, he stated that the Indian subcontinent was the most productive region between 1 AD to 1600 as it contributed to more than 25% of the world's GDP, but the same was reduced to less than 5% when the British left India. He exhorted that it is a moment of pride again that, with the sincere efforts of our countrymen under the leadership of Hon'ble PM Modi, India's economy has surpassed England and became the fifth largest economy in the world. He coined the idea that India has the potential to become VishwaGuru once again and enlighten human civilization to live in peace. Presently, India is the world's largest producer of pharmacy drugs, milk products and food grains, and is preparing to become the world leader in the IT and Automobile sectors. The world has seen our potential and has seen people of India and Indian origin such as Jamshedji Tata (the maker of modern industrial India), Rishi Sunak (the PM of the United Kingdom); Sunder Pichai (the CEO of Google), and others attaining leadership positions in different fields due to their capabilities. We are just facing the challenge of unemployment due to our colonial mindset of becoming job seekers rather than job providers. Shri Satish Kumar said youngsters need to look at our glorious past and prepare themselves to contribute to our nation by taking a big leap and following the paths of Swadeshi and Entrepreneurship.

In his presidential address, Vice Chancellor Prof. Raghavendra P. Tiwari exhorted that India has a rich tradition of story-telling where people learn by listening. The Gurukul teaching-learning process, comprising Shrawan, Manan, Nididhyas and Sakshatkar, is the best way to shape a human personality. The NEP-2020 guidelines encourage teachers to embrace their students with critical thinking, soft skills and turn them into global citizens who will represent India on the international stage. Under India's G20 Presidency, the entire human race will learn the concept of 'One Earth, One Family, One Future' which is based on ancient Indian philosophy that eliminates dominance and promotes life in harmony with nature.



Vice-Chancellor Prof. R.P. Tiwari felicitating the distinguished speakers of valedictory session

Prof. Tiwari informed the audience that this national seminar provides youngsters an opportunity to listen to deliberations by eminent speakers on various sub-themes including

Reforming Multilateral Institutions; Securing Technologies; Sustainable Environment & Agriculture; and Equitable Global Economic Recovery & South-South Development Cooperation. The positive outcomes of these deliberations will be shared with government authorities in the form of a white paper by the university.

The acclaimed academicians and bureaucrats shared their views during the different technical sessions of this workshop were Ambassador Virendra Gupta (Retd. IFS), Prof. A.D.N. Bajpai, Vice-Chancellor, Atal Bihari Vajpayee University, Bilaspur, and Prof. Anand Pawar, Vice-Chancellor (Officiating), RGNUL, Punjab; Prof. Tankeshwar Singh, Vice-Chancellor, Central University of Haryana; Lt. Gen. Raj Shukla, Member (UPSC); Mr. APS Nimbadia, DIG, ITBP; Col. Arun Agarwal, Senior Fellow, CLAWS; Prof. K.R.S. Sambasiva Rao, Vice-Chancellor, Mizoram University; Prof. Ratan Tiwari, Principal Scientist, ICAR-Indian Institute of Wheat and Barley Research and Water Man Shri Rajendra Singh, Chairman, Sukhad-Bad Vishwa Jan Ayog, Rajasthan.

Towards the end, Prof. B.P. Garg, Controller of Examinations, and Registrar (O), congratulated Dr. Nishitha Kaushiki, Program Convener, and Dr. Amit Kumar Kushwaha, Co-Convener, for the successful execution of this program. He thanked the participants for making this program a huge success.

March 21, 2023: Central University of Punjab and AIIMS Bathinda organized a one-day workshop on "Basics of Systematic Review and Meta-Analysis"

Central University of Punjab, in collaboration with the All India Institute of Medical Sciences, Bathinda, organized a one-day workshop on 'Basics of Systematic Review and Meta-Analysis' on Tuesday. The program was organized under the patronage of Prof. Raghavendra P. Tiwari, Vice-Chancellor, CUPB and Prof. D.K. Singh, Director, AIIMS Bathinda. During this program, participants got an opportunity to interact with Dr. Tarun Goyal, Dept. of Orthopaedics, AIIMS Bathinda, and Dr. Rachna Rohilla, Dept. of Pharmacology, AIIMS Bathinda.

Faculty, research scholars and students from different departments of the university and nearby institutes participated in the workshop. Prof. Anjana Munshi and Dr. Ravindresh Chhabra from Central University of Punjab and Dr. Paramdeep Singh from AIIMS, Bathinda were the organizers of this workshop.

At the outset, Prof. Anjana Munshi, Director, Research and Development Cell, CUPB, welcomed the participants and introduced the distinguished

speakers. She mentioned that the purpose of organizing this workshop is to familiarise the participants with the concept of systematic reviews, and provide hands-on training for carrying out advanced meta-analysis.

While interacting with the participants, Dr. Tarun Goyal stated that the advent of evidence-based medicine has increased the demand for systematic methods to analyze and synthesize clinical evidence. When it comes to the search for the best available clinical evidence, randomized control trials, systematic reviews, and meta-analyses are considered the "gold standard."

Dr. Rachna Rohilla explained that a systematic review comprises a study that collects, critically appraises, and synthesizes all the available evidence to answer a specifically formulated research question. A meta-analysis, on the other hand, uses statistical methods to pool results from various independent studies, to generate an overall estimate of the phenomenon studied and provide the significance of the pooled outcome. It is important to note that not all systematic reviews

include the component of meta-analysis. Therefore, these terms cannot be used interchangeably.

During this workshop, the distinguished speakers shared details regarding how to choose a research question using the PICOT Framework; choose MESH terms for conducting a literature search; protocol writing and registration in Prospero; data extension for the given research question; qualitative assessment using the risk of bias assessment tool; installation of a user friendly review manager software, RevMan 5; Quantitative assessment using RevMan Interpretation of results through subgroup and sensitivity analysis.

In the afternoon session, the participants got hands-on experience performing meta-analysis and constructing the forest and funnel plots, along with the interpretation of results.

Towards the end, Dr. Paramdeep Singh expressed his gratitude towards distinguished speakers. He thanked everyone for making this workshop a success.

March 27—28, 2023: Two-Day National Seminar on "Contributions of Sapta Sindhu Litterateurs in Indian Freedom Struggle: A Socio-historic Perspective" held at Central University of Punjab



Dignitaries sitting on the dais

An ICSSR sponsored two days National Seminar on "Contributions of Sapta Sindhu Litterateurs in Indian Freedom Struggle: A Socio-historic Perspective," was held on March 27–28, 2023, at the Central University of Punjab, Bathinda (CUPB).

The inaugural ceremony of this seminar was held

under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari. Prof. Jagbir Singh, Hon'ble Chancellor, Central University of Punjab, and Prof. Kuldip Chand Agnihotri, Former Vice-Chancellor, Central University of Himachal Pradesh, and Former Adversary, Minister of Culture, graced the event as the Chief Guest and the Guest of Honour, respectively.

The inaugural session commenced with the welcome address and introduction of the guests by Dr. Bali Bahadur, co-convener and HoD, Dept. of Sociology. Dr. Neelu Rawat, programme convener, mentioned that the Sapta Sindhu region holds special importance in the glorious history of India. This region has been the focal point of art, spirituality, education, and politics. In the Sapta Sindhu region, there were many writers whose works guided and encouraged the revolutionaries in the Indian freedom struggle. This two-day national

seminar is a humble attempt to pay tribute to those classical writers of the Sapta Sindhu region.

While addressing the participants, Prof. Jagbir Singh, Hon'ble Chancellor, mentioned that the Sapta Sindhu Region, known as the land of seven rivers, was a place where the RigVeda was written and the world-famous ancient university Takshshila was located. The knowledge traditions, and culture of Sapta Sindhu Region civilization have given rise to the idea of 'nation as a civilizational state," which cannot be broken and continues to work for the upliftment of humanity. He added that although this region had faced cultural attacks from several invaders for more than 1000 years, the people of this region succeeded in preserving their culture by following the message of 10 Sikh Gurus and saints. He cited the verses from Guru Nanak Bani to state that the life philosophy of Sikh Guru Sahibaans and their literary writings played an instrumental role in awakening the people of India to raise their voices against injustices affecting the weaker section of society.

Prof. K.C. Agnihotri, the Guest of Honour, talked about the geographical, linguistic, and cultural entities of the Sapta Sindhu Region. He emphasised that the civilization of the Sapta Sindhu Region has given our nation a culture of continuity and pluralism. He added that the Dasam Sikh Guru Parampara and establishment of Khalsa Panth by the tenth Sikh Guru, Sri Guru Gobind Singh Ji, further enlightened people to become Sant Sipahi by learning the message of serving humanity and protecting the innocent from religious persecution. He asserted that this seminar will help participants know the untold stories about the contribution of writers of vernacular languages to the freedom struggle through their writings.

Prof. Raghavendra P. Tiwari, in his presidential address said that our ancient knowledge, traditions,

and culture have taught us to always find contentment in sharing our resources and live a harmonious lifestyle. He asserted that the message of Guru Bani and the supreme sacrifice of our Guru Sahibans always inspire us to live life while serving humanity. The Sapta Sindhu Region has greatly contributed to providing knowledge to the world, and this seminar will highlight the contributions of Sapta Sindhu litterateurs in the Indian Freedom Struggle of our nation.



Vice-Chancellor Prof. R.P. Tiwari felicitating the Chief Guest of Inaugural Session Chancellor Prof. Jagbir Singh

During this two-day national seminar, eminent academicians and scholars from Punjab and other states presented their views on different sub-themes in the six technical sessions. These sub-themes are political consciousness in Sapta Sindhu literature; cultural connect and litterateurs; nationalism in Sapta Sindhu literature; the concept of swadeshi and swaraj and litterateurs; Folk Literature and National Consciousness; and symbols of swadeshi in the gurbani and usage in punjabi literature.

Faculty, research scholars, and students from the Central University of Punjab and other educational institutions attended this seminar.

March 27—29, 2023: Central University of Punjab organized Indo-Japan Symposium on Neurological Disorders

An inaugural ceremony for a three-day DST-JSPS-sponsored Indo-Japan Symposium on Neurological Disorders was held at the Central University of Punjab on Monday under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari. The Chief

Guest of this programme was Prof. (Dr.) Masako Kinoshita, a child neurologist from the National Hospital Organization Utano National Hospital, Kyoto, Japan. Dr. Vikas Lakhnpal, a neurologist from AIIMS, Bathinda, and Dr. Cheena Jain, an

occupational therapist from the Child Development Centre, also graced the inaugural session as special guests. Parents of 50 special children with autism and various developmental disorders participated in this symposium with their children.

At the outset, Dr. Balachandar Vellingiri, the Programme Convener and Associate Professor in the Department of Zoology, CUPB, welcomed the participants. He informed that according to the Rare Diseases India Association, 7.2 crore people in India are affected by rare genetic disorders. Further, it is estimated that 1 to 1.5% of children in India between the ages of 2 and 9 are affected by Autism Spectrum Disorder (ASD). He shared that the symposium is an attempt to commemorate World Autism Day and focus on creating awareness among the parents of special children.

Prof. (Dr.) Masako Kinoshita, National Hospital Organization Utano National Hospital, Kyoto (Japan), delivered an interesting lecture on "Influence of Environmental Factors on Neurodevelopmental Disorders". She explained the role of various influencing environmental factors on Neurodevelopmental Disorders which included Pollutions, Heavy metals, Pesticides and Environmental Toxicants. In her speech, she also mentioned the effects of chemical pesticides being used for agricultural purposes. Her speech collectively asserted the single fact that both genetics and environmental factors go hand in hand in causing neurodevelopmental conditions.

Dr. Vikas Lakhanpal, who is a neurologist at the AIIMS Bathinda, delivered his speech on the Indo-Japan Symposium. He discussed the diagnostic and clinical features of various neuro-related diseases, shared some of his experience with his patients, and motivated the young children not to get depressed about their special abilities.



Prof. R.P. Tiwari and CUPB Officials releasing A Trilingual Textbook of Autism Spectrum Disorders

During the inaugural ceremony, Prof. Raghavendra P. Tiwari, the Vice-Chancellor, and the organizing team of this symposium released a book entitled "A Trilingual Textbook of Autism Spectrum Disorders - A complete guide" in which they have incorporated every aspect of Autism Spectrum Disorder, its symptoms, details about DSM-V, the diagnostic manual, the National Schemes from Government of India to support the ASD affected child and their family, and ASD associations that are present to help them.



Vice-Chancellor Prof. R.P. Tiwari presenting gifts to differently abled children

Prof. Raghavendra P. Tiwari, in his presidential address, stated that this seminar is an attempt to encourage parents of differently abled children to identify their children's special qualities and provide essential guidance on the latest developments in science that will enable their children to live a better life. He expressed his firm belief that the deliberations of this three-day symposium will be useful in developing innovative solutions for the welfare of society at large.



Group Photo of Chief Guest Prof. (Dr.) Masako Kinoshita from Quoto Japan with CUPB Vice-Chancellor Prof. R.P. Tiwari and Programme Convener Prof. Balachandar Vellingiri

Along with the book, the Hon'ble Vice Chancellor provided gifts to the special children, and the meeting ended with the parents receiving some counselling for the future wellbeing of their children.

During this three-day symposium (March 27-29, 2023), the participants got opportunity to interact with eminent scientists and doctors from India and abroad, such as Prof. N. Senthil Kumar (Mizoram University), Dr. Bhupesh G. (Nagaland University),

Dr. Zave Ahmed Khan (Baba Farid Group, Bathinda), Dr. N. Arul (Bharathiar University), Dr. Abhilash (VIT, Vellore), Dr. Lakshmi Kirola (Amity University, Delhi), Dr. Balachandar Vellingiri (CUPB), and Dr. Manohar Bhandari (University of Latvia). Overall, it was a great platform for both the children and parents to gain awareness and knowledge for their future endurance.



Group photo of participants and Special Guest with Vice-Chancellor Prof. R.P. Tiwari

Invited Lectures/Webinars

February 6, 2023: Central University of Punjab commemorated Prakash Purab of Sant Guru Ravidas ji with a special lecture and poster making competition

To commemorate the Prakash Purab of Sri Guru Ravidas Ji, the Central University of Punjab organized series of events, including a special lecture entitled "Sant Ravidas Ji: Contribution to the Indian Society" and a poster making competition. The invited speaker for this programme was Prof. (Dr.) Gurpal Singh, Chairmen, Shri Guru Ravidas Chair and Dean, Faculty of Languages, Panjab University, Chandigarh.

While addressing the participants, Prof. (Dr.) Gurpal Singh mentioned that there are two known knowledge traditions: the Indian knowledge tradition and the Semitic knowledge tradition, and both are different in their basic nature. He shared that in the Indic civilization discourse, both Dharam Praampara and Gyan Parampara are interlinked with each other. He further said every religion has three aspects, like Epistemology, Theology and

Sociology. In this way the theology and sociology of each religion are different, but the knowledge and tradition of all the Indian religions are one. Bhakti/Sant Parampara also makes an important contribution in this context.



Prof. Gurpal Singh addressing the participants

After creating the background of Bhakti tradition, Prof. Singh highlighted some important contributions of Sant Ravidas ji to the Indian society. He said Sant Ravidas Ji emerged as the torchbearer of the Bhakti movement in North India during the 15th century. He shared that the Indian knowledge tradition encompasses the cosmological as well as human discourse, and underlined that the teachings

of Sant Ravidas ji guided us to live in harmony with nature, treat everyone with equality and attain higher spiritual unity by serving Waheguru wholeheartedly. Prof. Guralp Singh stated that Bhagat Ravi Das ji expressed his passion and love for Waheguru through his divine poetry and music, and his devotional verses were included in the Sikh scripture Sri Guru Granth Sahib Ji. He cited several verses of Sant Ravidas ji to emphasize that the teachings of this great saint have taught us to work for the elimination of caste and class barriers from

our society and re-strengthen the values of ancient civilization in our present generation.

On this occasion, around 16 students from different departments participated in a poster-making competition and prepared impressive posters on 'Life and Philosophy of Sant Guru Ravidas Ji' in English, Hindi and Punjabi languages.

February 6, 2023: Special lecture on "Precision-cut-tissue-slices as an emerging platform for drug discovery and development held at Central University of Punjab

The Department of Pharmacology, Central University of Punjab, Bathinda (CUPB), under the patronage of Hon'ble Vice Chancellor Prof. Raghavendra Prasad Tiwari, organized a special lecture on "Precision-cut-tissue-slices as an emerging platform for drug discovery and development". The keynote speaker of this programme was Dr. Amit Khurana, DAAD-PRIME Fellow at the Institute of Molecular Pathobiochemistry, Experimental Gene Therapy and Clinical Chemistry (IFMPEGKC), RWTH University Hospital Aachen, Aachen, Germany.

Dr. Khurana highlighted the importance of precision-cut-tissue-slices (PCTS) as a superior pharmacological tool compared to conventional cell culture and other rodent models.

Dr. Khurana took a case study on aggressive drug development efforts for the unmet medical needs in the area of non-alcoholic steatohepatitis (NASH). Though a lot of drugs are under clinical development, hitherto not even a single drug is approved for NASH and a number of high-profile drugs failed in phase-III clinical trials. He highlighted the importance of developing a translational

preclinical screening model to bridge the gap between human and rodent pathology, as rats and mice are widely used preclinically.



Faculty of Dept of Pharmacology felicitating the invited speaker

Considering this, precision-cut-liver-slices (PCLS) provide a human-derived ex-vivo pharmacological screening model to understand drug responses as well as to decipher the molecular mechanisms and pathological signalling. Pharmaceutical industries have shown high interest in harnessing the potential of this pharmacological tool for early-stage drug development. PCLS may aid in improved correlation between the preclinical pharmacodynamics and expected human responses in clinical trials.

March 20, 2023: Guest Lecture on 'Synbiotics Therapy: A Promising Strategy for Inflammatory Bowel Diseases (IBD) in the Context of Prescription Opioid' organized at CUPB

Inflammatory bowel disease is a chronic condition that affects millions of people around the world. The Department of Microbiology, Central University of Punjab, in association with the CUPB Institutions Innovation Council, recently held a guest lecture on 'Synbiotics Therapy: A Promising Strategy for

Inflammatory Bowel Diseases (IBD) in the Context of Prescription Opioid' to discuss the latest research on this complex disorder.

While interacting with the participants, the invited speaker, Dr. Umakant Sharma, Research Assistant

Professor, University of Miami, Miller School of Medicine, USA, discussed the role of the gut microbiome in IBD, noting that imbalances in the microbiome can trigger inflammation and lead to the development of the disease. He talked about the potential benefits of synbiotics (probiotics+prebiotics) in restoring the opioid induced dysbiosis in the mouse model of IBD.

Students, research scholars and faculty members of different departments attended this programme.

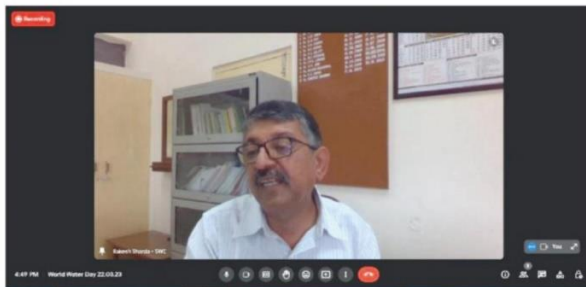


Dr. Umakant Sharma addressing the participants

March 22, 2023: CUPB organized a special invited lecture to mark World Water Day 2023

The School of Environment and Earth Sciences at the Central University of Punjab, under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari, organized a special lecture to mark the World Water Day 2023. The invited speaker of this programme was Dr. Rakesh Sharda, Principal Scientist, Dept. of Soil and Water Engineering, Punjab Agriculture University.

Speaking on this occasion, Dr. Rakesh Sharda shared that the World Water Day is commemorated as a means of focusing attention on the importance of freshwater and advocating for the sustainable management of freshwater resources. The theme for World Water Day 2023 is "accelerating change."



Dr. Rakesh Sharda addressing the participants

He emphasised that the acceleration is required as we have to meet Sustainable Development Goal (SDG) 6 of providing access to safely managed water and sanitation. However, 2.2 billion people and more than 40% of households worldwide do not have access to safe drinking water. He added that groundwater, which acts as a major source of freshwater for domestic use, is declining at alarming rates, especially in the state of Punjab, due to overexploitation of our natural resources. He emphasized that another major issue on which immediate action is required is to identify and

eliminate such sources that are causing groundwater pollution, as the groundwater pollution is a virtually irreversible process.

Prof. Sharda stated that approximately 89% of the water used for irrigation in India is withdrawn from approximately 20 million wells and tube wells while telling the story of groundwater and energy consumption in India. The groundwater irrigation was instrumental to the success of the green revolution. He advised farmers to shift their farming to millets and other such crops that require little water to grow, the adoption of micro irrigation technologies, and the usage of such improved varieties of rice that can be harvested in around 100 days to preserve our groundwater.



Faculty and student attending the programme

Dr. Sharda also emphasised the need to increase the efficiency of the present irrigation system, recharge our groundwater through the creation of recharge pits, and check on industrial, agricultural, and domestic sources that are causing water pollution to ensure safe drinking water for our future generation.

Extra-Curricular Activities

February 21, 2023: Central University of Punjab celebrated Matribhasha Diwas 2023

To spread awareness about linguistic and cultural diversity, and to promote multilingualism, the Central University of Punjab Bathinda (CUPB) celebrated Matribhasha Diwas (International Mother Language Day) on Tuesday with enthusiasm and zeal. On this occasion, a special program was conducted by the School of Languages, Literature and Culture, CUPB under the patronage of honourable Vice-Chancellor Prof. Raghavendra P. Tiwari, to celebrate the multilingual heritage of India, reflecting the spirit of "Ek Bharat Shreshtha Bharat." In this programme, students of CUPB showcase the linguistic richness and diversity of India through artistic performances in more than 18 languages of India.

During this programme, 32 performances were held in the form of singing, poetry recitation, elocution, gazals, and speeches. CUPB students exhibited mesmerising performances in 18 languages such as Odia, Kannada, Punjabi, Bengali, Telugu, Marathi, Hindi, Maithili, Malayalam, Haryanvi, Ladakhi, Rajasthani, Dogri, Bagheli, Khadi Boli, Avdhi, Bhojpuri, and Asamiya etc.

Apart from cultural exchange programme, a discussion session was organized in the Department of Punjabi on the theme of International Mother



Photo Collage of Glimpses of the Programme - CUPB Matribhasha Diwas Celebrations

Language Day i.e. "Multilingual education—a necessity to transform education." Research Scholars of the department presented their views about the role of multilingual education and its importance in the context of Punjabi language. Students and Faculty of the Punjabi department participated in this programme.

February 27, 2023: CUPB students exhibited their cookery skills and prepared millet recipes in Food Carnival-Vyanjan Path 2023

Students from 27 states and 7 union territories of India and international students of the Central University of Punjab exhibited their cookery and catering skills in the "CUPB Food Carnival – Vyanjan Path 2023", held on Monday at the university campus by preparing famous cuisines of their respective states and authentic Indian flavours under one roof. The programme was organized under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari, as a part of the 14th Foundation Day Celebrations under the focal theme

of the International Year of Millet 2023. The Chief Guest of this programme was Prof. (Dr.) Buta Singh Sidhu, Vice Chancellor, Maharaja Ranjit Singh Punjab Technical University, Bathinda.

At the beginning, Vice Chancellor Prof. R.P. Tiwari, along with Chief Guest Prof. Buta Singh, inaugurated the programme. Prof. Anil Mantha, Programme Coordinator, informed the dignitaries that in this food carnival, a total of 50 teams (comprising students and staff members) put up

their food stalls and prepared regional, traditional, and festival cuisines from all across the country. He further stated that 26 teams out of 50 especially prepare innovative millet recipes to promote consumption of millets. Prof. B.K. Garg, Controller of Examinations and Registrar (I/c) and university officials also visited this carnival.



Vice-Chancellor Prof. R.P. Tiwari and Chief Guest Prof. Buta Singh visiting different food stalls

On this occasion, CUPB students served authentic cuisines of various states of our country, like Punjab, Jammu & Kashmir, Uttar Pradesh, Andhra Pradesh, Kerala, Bihar, West Bengal, Orissa, Maharashtra, West Bengal, Tamil Nadu, Manipur, Assam, Kerala, Sikkim, Telangana, Rajasthan, etc. The Chief Guest, along with jury members, visited every stall and tasted mouth-watering delicacies freshly prepared by the students and staff members. They appreciated the participants for preparing delicious food.

Some of the interesting cuisines prepared from millets and presented in this food carnival were Ragi Ladoo, Papdi Chaat, Bajra Roti, Samai Upma, Kuttu Pakora, Raagi Churma, Paniyaram, Millet Porridge, Millet Bhelupuri, Khangani Kheer, Millet Pan Cake, Bajra Churma, Banagi Shake, Millet Kodambam,

Millet Dosa, Kakra Peetha, Idli, Momos, Jowar Shikanji etc.

In this food carnival, students served authentic Indian and lip-smacking snacks such as Idli Sambar, Litti Chokha, Muri Ghonto, Sticky Rice Roti, Pav Bhaji, Paneer Tikka, Dosa, Tandoori Chicken, Jhal Muri, Malpua, Chilla, Ram Ladoo, Veggie Momos, Lucknowi Dum Biryani, Alu Kabli, Sinju, and more. This carnival also included some unique and mouth-watering desserts and beverages like Sabudana Kheer, Caramel Tort, Aam Panna, Gajar Pak, Payakh, Kashmiri Kahwa, Black Rice Tea, Grape Mojito, Lassi, Jal Jeera, Avil Milk, and many more.



Vice-Chancellor Prof. R.P. Tiwari and other guests visiting food stall put up by International Students

In addition to the food stalls set up by students, 11 stalls were set up by food processing units from the Malwa region, who also displayed their products at the Swadeshi Mela held in conjunction with the carnival.

University students, faculty, and staff members, along with their families, visited this food fest and enjoyed the delicacies.

March 3, 2023: Central University of Punjab organized series of events to mark International Women's Day

To commemorate the occasion of International Women's Day, the Central University of Punjab, Bathinda (CUPB) under the patronage of Hon'ble Vice-Chancellor Prof. Raghavendra P. Tiwari

organized a series of events, including a special lecture; open mic, and a street play on Friday. The invited speaker on this occasion was Dr. Monica

Sabharwal. Faculty and students from different departments attended this programme.

At the outset, Shilpa, a research scholar, welcomed the participants and presented the theme of the program. Prof. Alpana Saini introduced the invited speaker.



Dr. Monika Sabharwal sharing her views on gender equality

While interacting with the participants, Dr. Monica Sabharwal delivered a talk on gender and mobility. She highlighted that history has given many references to the fact that women had to face discrimination in every aspect of their lives because of the system of patriarchal society in which women were confined only to the four walls of the home and the working class was not inclusive of women. She said that though women in the 21st century have the opportunity to showcase their talent and prove their ability in every aspect of life, they are

still victimized by male gaze in unsafe public spaces. She also held the media accountable for propagating women as instruments of sexuality. Dr. Sabharwal asserted that society needs to acknowledge the contribution of women at both a personal and professional level and provide them



Group Photo of students who performed Nukkad Natak

with safe social spaces. Dr. Sabharwal inspired the female participants to raise their voices against injustice and discrimination.

After the talk, participants shared their concerns related to gender-specific issues during the open mic session. On this occasion, students from the Dept. of English performed a self-written and produced street play on gender equality, which was appreciated by all.

March 4, 2023: Students from different states participated in “Client Counselling Competition and Capacity Building Workshop on Legal Literacy and Free Legal Aid” held at Central University of Punjab

The Pro Bono Club of the Department of Law at Central University of Punjab under the dynamic leadership of the Vice-chancellor Prof. Raghavendra Prasad Tiwari and the District Legal Services Authority, Bathinda successfully organized a ‘Client Counseling Competition and Capacity Building Workshop on Legal Literacy and Free Legal Aid’ on Saturday at the University Campus. The program was organized under the aegis of Pro Bono Scheme, Department of Justice, Ministry of Law and Justice, Govt. of India. This event focused on promoting a healthy lawyer-client relationship and providing awareness regarding free legal assistance to the weaker section of society. A total of 12 teams across

various educational institutions from Punjab, Haryana and Rajasthan participated.

The guests at the event were Shri Suresh Kumar Goyal, CJM and Secretary, DLSA, Bathinda, Shri Amit Tyagi, Deputy Legal Advisor, Dept. of Legal Affairs, Ms. Sneha Sharma, Project Manager, Pro Bono Scheme, Dept. of Justice, Govt. of India, Adv. Seema Sharma and Adv. Kapil Kumar.

The Client Counseling Competition was divided into two stages namely (i) Client Counseling; and (ii) Drafting of Legal Notice. The Client Competition stage was based on a problem of Family Law i.e.

Matrimony and Divorce. Whereas, the Drafting of Legal Notice was based on Consumer Protection Laws.

The participants in the client counseling stage performed as mediators between two parties. They discussed laws relating to marriage, judicial separation, divorce, maintenance and remedies. It was deliberated that both the wife and husband are entitled to maintenance as per the material facts of the concerned case. It was informed by the judges of the event that the agreement signed between the conflicting parties during the mediation is binding to both parties.



Glimpses of the Programme

In the drafting of the legal notice stage, the participants were given a problem based on Consumer Protection Rights and Banking Laws. All

the teams drafted the legal notice based on the given problem as per the rules, regulations and guidelines of the RBI, SEBI, SBI and Central Bank. Each team was given 30 minutes to draft the legal notice based on the problem provided.

Shri Suresh Goyal interacted with the participants and answered their queries related to the functioning of DLSA and other legal issues. Ms. Sneha detailed the functioning of Pro Bono Club and the role of the government in ensuring effective implementation and use of various legal tools such as Nyay Bandhu and Tele-Law App.

In the concluding session, Prof. Tarun Arora, Head and Dean, Department of Law, School of Legal Studies, Central University of Punjab declared the result and congratulated all the winners. He encouraged everyone and mentioned that the participation of students in events like these is more important than winning awards. The team from GHG Institute of Law, Ludhiana was declared as the winner while the team from Baba Farid Law College emerged as the runners-up and the team from Chandigarh University bagged the third position in the competition.

The program concluded with the Vote of Thanks by Dr. Sukhwinder Kaur, Faculty, Department of Law followed by refreshments for all the visitors and the hosts.

March 20, 2023: CUPB NSS Cell organized a special program to spread the message of 'empowerment of women and children'

The National Service Scheme of the Central University of Punjab, Bathinda, organized a series of events to spread the message of 'Empowerment of Women and Children' on Monday. The program was organized as a part of the International Women's Day Celebrations and Azadi Ka Amrit Mahotsav Activity Series. The program featured felicitations of inspiring women, motivating girl students to make careers in science and other disciplines, and a health check-up camp for women. The special guests of this program were the family



Registrar Prof. B.P. Garg and CUPB Officials felicitated family members of Shaheed Kala Singh

members of Shaheed Kala Singh (martyr of the 1999 Indo-Pak Kargil War).

On this occasion, 41 girl students and 4 teachers from Dashmesh College for Girls, VPO Badal visited the Central University of Punjab campus. The students visited the university museum and the Central Instrumentation Laboratory and were informed about various PG and Ph.D. programs offered at the university.



Group Photo of Participants

The program commenced with a welcome address by Dr. Lakhvir Lezia. Dr. Anjana Munshi, Director, Research & Development Cell, then briefed the audience on the university's education and research facilities. She motivated young girls to pursue higher education and take advantage of various scholarship programs.

During this program, Prof. B.P. Garg, CoE and Registrar (I/C), Prof. Deepak Chauhan, NSS Program Coordinator, and faculty members felicitated Smt. Gurdev Kaur (mother of Shaheed Kala Singh) and Smt. Sarbjit Kaur (wife of Shaheed Kala Singh). While paying a tribute to Shaheed Kala Singh, Prof. Garg mentioned that the nation has huge respect and regard for the family members of the martyrs of the nation.

Marking this occasion, the medical experts from IVY Hospital Bathinda visited the CUPB campus and examined the faculty as well as students in a free health check-up camp for women. Students from different departments of the university, including students from Dashmesh Girls College, Badal, actively participated in this camp.

Towards the end, Dr. Deepika Srivastava thanked the participants for making this program a success. She also appreciated Mr. Sukhnaib Singh, NSS Staff, for making necessary efforts for the smooth execution of this program.

March 24, 2023: Central University of Punjab organized Blood Donation Camp

in order to commemorate Shaheedi Diwas and to salute our national heroes S Bhagat Singh, Shivaram Rajguru and Sukhdev Thapar, the NSS Cell and RRC of the Central University of Punjab, in coordination with AIIMS, Bathinda, organized a Blood Donation Camp at the university campus on Thursday. As many as 80 students, faculty, and staff members registered as donors for this camp organized to serve the humanity.

On this occasion, the medical team of AIIMS, Bathinda, led by Dr. Sirat, MD, Transfusion Medicine, Incharge Blood Bank AIIMS Bathinda, visited the CUPB campus. The AIIMS Bathinda medical team of Dr. Richa, Ms. Maninder, Lalita, Jatinder, and Sukhraaj checked the donors' haemoglobin and other eligibility parameters before collecting blood from the donors. Approximately 62 units of blood were collected in

the camp.



CUPB Students donating blood along with Vice-Chancellor Prof. R.P. Tiwari

The Blood Donation Camp commenced with a blood donation by the Vice-Chancellor, Prof. Raghavendra P. Tiwari. After this, the faculty, staff members, and students donated blood following a medical



Group Photo of Blood Donors with CUPB Vice-Chancellor Prof. R.P. Tiwari

examination by experts. The donors were given certificates and refreshments after their blood donation.

Speaking on this occasion, Prof. Tiwari exhorted that blood donation on Shaheedi Diwas is a true tribute to the martyrs of our country. He inspired youngsters to come forward and donate blood for a noble cause to save the lives of needy people. He boosted the morale of donors and narrated the various benefits of blood donation. Prof. Monisha Dhiman, Director IQAC, expressed her gratitude towards Prof. Tiwari and thanked students, faculty, and staff for registering as donors in large numbers in this blood donation camp, organised to pay tribute to the three brave freedom fighters of our nation.

March 24, 2023: Capacity Building Workshop on Legal Literacy held at Central University of Punjab

The Pro Bono Club of the Department of Law at Central University of Punjab, under the dynamic leadership of Prof. Raghavendra Prasad Tiwari, the Vice-chancellor and District Legal Services Authority, Bathinda successfully organized a 'Capacity Building Workshop on Legal Literacy' at University Campus.

The programme was organized under the aegis of the Pro Bono Scheme, Department of Justice, Ministry of Law and Justice, Government of India. This event focused on promoting a healthy lawyer-client relationship and providing awareness regarding free legal assistance to the weaker sections of society.

The guests at the event were Shri Suresh Kumar Goyal, CJM, Secretary, DLSA, Bathinda, Adv. Rohit Rumana, President, District Bar Association, Bathinda, and Adv. Seema Sharma.

The winners of various competitions held on November 26th, 2022 (Sanwidhan Diwas Celebrations) were announced during this programme.

Shri Suresh Goyal interacted with the participants and answered their queries related to the functioning of DLSA and other legal issues.

The welcome and presidential note were delivered by Prof. Tarun Arora, Head and Dean, Department of Law, School of Legal Studies, Central University of Punjab, who declared the results and congratulated all the winners. The programme concluded with a Vote of Thanks by Dr. Ravinder Kaur, Faculty, Department of Law, followed by refreshments for all the visitors and the hosts.



Organizers distributing prizes to the Winners

March 27, 2023: Central University of Punjab celebrated World Theatre Day

On the occasion of World Theatre Day, the students of the Department of Performing and Fine Arts of the Central University of Punjab, Bathinda, presented three plays entitled 'Swami Vivekananda', 'The Proposal', and 'Park' at the university campus.

During the inaugural ceremony, the Vice Chancellor, Prof. (Dr.) Raghvendra P. Tiwari, felicitated the Chief Guest, retired IAS Shri Chander Shekar Talwar, with phulkari and memento.



Glimpses of World Theatre Day Celebrations

While welcoming the participants, Dr. Deepika Srivastava, HoD, Department of Performing and Fine Arts, read the message broadcast by Egyptian actress Samiha Ayoub for World Theatre Day 2023. She added that World Theatre Day serves as a reminder of the significant role that theatre plays in our communities, and how different theatrical forms such as Tragedy; Comedy; Melodrama; and Dram etc., contributes to our cultural heritage

The Dean Student Welfare, Prof. V.K. Garg, mentioned Theatre is an art form that not only entertains but also educates and inspires individuals. It provides a platform for artists to express themselves creatively and enables them to explore different aspects of life.

Speaking on this occasion, the Chief Guest, Shri Chander Shekar Talwar, mentioned that Swami Vivekananda played an important role in the introduction of Vedanta and Yoga to the Western world, raising interfaith awareness, and bringing Hinduism to the status of a major world religion.

Swami Vivekananda story always inspires youngsters to face problems and hardships in life with courage and determination. He asserted that celebrations of this day not only promote this medium among youngsters but also help them to understand the message of our visionary leaders.

Honourable Vice Chancellor Prof. (Dr.) Raghvendra P. Tiwari, in his presidential address, stated that theatre is an art that mirrors the thought processes of society. He underlined the importance of World Theatre Day which was celebrated to highlight the importance of theatre in our society.

On World Theatre Day, the students presented three plays. The first play, Swami Vivekananda, was written by an MPA Theatre student and directed by Dr. Adish Kumar Verma. The life and thoughts of Swami Vivekananda were the main content of this play. The play established how Swami Vivekananda helped society fight against social evils and taught essential values too. The second play, The Proposal, was written by renowned playwright Anton Chekhov and directed by Dr. Kulin Kumar Joshi. It was a comic play. Manav Kaul's 'Park' was the third play of these World Theatre Day celebrations. It was directed by Dr. Kulin Kumar Joshi. In all the plays, students brought their characters to life through energetic and convincing performances, as demanded by the plays. Associate Professor Dr. Harit Meena conducted the session. Students from different departments of the university attended this event.



Glimpses of CUPB World Theatre Day Celebrations 2023

Other Events



Photos of Activity of Gender Sensitization Interactive Session for outsourced female staff held on 3rd February, 2023



Vice-Chancellor planting tree sampling during Plantation Drive held on 17th February, 2023

Yuva Sangam Exposure Visits

March 6—12, 2023: Central University of Punjab successfully coordinated Exposure Visit of Manipur Student Delegates to Punjab under Yuva Sangam Programme

A 30-member Yuva Sangam Manipur student contingent along with 2 Faculty of Manipur University, who came for a week-long trip to Punjab scheduled from 6th to 12th March, 2023 was well received by the officials of the Central University of Punjab on the dhol beats at Amritsar Airport on 6th March, 2022 late evening.



CUPB Vice-Chancellor Prof. R.P. Tiwari interacting with Manipur student contingent

On reaching the Central University of Punjab, Bathinda Campus, the Manipur delegates received a warm welcome from Vice-Chancellor Prof. Raghavendra P. Tiwari and the entire university

fraternity. Smt. Harsimrat Kaur Badal, Hon'ble Member of Parliament, Bathinda Constituency, also graced the welcome ceremony held at CU Punjab to interact with Manipur delegates. Manipur Students were happy and excited to experience the warm hospitality of Punjab and get exposed to their culture.



Group Photo of Manipur Students with MP Harsimrat Badal and Vice-Chancellor Prof. R.P. Tiwari

Terming the program as a unique learning opportunity, Prof. Raghavendra P. Tiwari, the Vice-Chancellor, CUPB, said, "Yuva Sangam is a very interesting program to bring together people from various parts of the country so that they can learn

from each other's culture, traditions, development, technology, and so on". Prof. Tiwari mentioned that the Manipur state has had a strong cultural bond with the rest of India since the Mahabharata days, as it is established that Arjuna and Bheema, two of the five Pandava brothers, visited Manipur. He added that this visit will further strengthen the connection between Manipur and the rest of India.

On the first day of a five-day visit (excluding the days of arrival and departure), the YUVA Sangam Manipur delegation paid obeisance at Takhat Sri Damdama Sahib. They were apprised of the historical aspect of this holy land. The Takht Sri Damdama Sahib, one of the five seats of temporal authority in Sikhism, is the place where Guru Gobind Singh, the tenth Sikh Guru, prepared the full version of the Sikh scriptures, called Sri Guru Granth Sahib, in 1705.



Manipur students paying obeisance at Takhat Sri Damdama Sahib

In the evening, the Yuva Sangam participants took part in a cultural program organized by CU Punjab students, where they were introduced to the folklore and culture of Punjab. During the program, the visiting students also exhibited spectacular performances to exhibit the culture and traditions of Manipur.



Group Photo of Manipur students in their traditional outfits

On the second day, i.e. 8th March, 2023, the Manipur student delegates took part in the Holi celebrations organized by the student council of the Central University of Punjab, under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari. Smt. Karuna Tiwari, the first lady of the university, graced the Holi celebrations as the chief guest along with the Hon'ble Vice-Chancellor. Prof. Tiwari exchanged Holi greetings with university students and Yuva Sangam student delegates from Manipur. The festival of colors brings joy and merriment to the faces of students.



Group Photo of Manipur Students with CUPB Vice-Chancellor Prof. R.P. Tiwari

In the second half, the Manipur delegates visited the National Martyrs Memorial at Hussainiwala in Punjab's Ferozepur district. The students paid rich tribute to revolutionary heroes Shaheed Bhagat Singh, Shaheed Rajguru and Shaheed Sukhdev, who were cremated there on March 23, 1931. In the evening, they attended the electrifying Indo-Pak Retreat Ceremony at Hussainiwala Border and felt patriotic after witnessing the thunderclap of robust BSF Jawans competing with their counterpart.



Group Photo of Manipur Students with BSF Soldiers at Hussainiwala Indo-Pak Border

On the third day, i.e. 9th March, 2023, the Manipur student delegates were mesmerized to see the facilities of Asia’s largest sports institute, ‘Netaji Subhas National Institute of Sports (NSNIS), Patiala’. The delegates got an opportunity to meet famous discus throw player Shri Shakti Singh, Arjun Awardee.



Group Photo of Yuva Sangam Manipur contingent with Arjun Awardee Shakti Singh at NSNIS

The Manipur delegates were further fascinated to see the Rock Garden in Chandigarh, which gives the feeling of entering a small traditional Indian village representing beautifully carved huts, temples, pathways, etc.



Group Photo of Manipur students at Rock Garden Chandigarh

On 10th March, 2023, the delegates visited the All India Radio Akashvani Chandigarh Center, where they got an opportunity to share their experience of the trip with Shri Sanjeev Dosanjh, Director of Programs, in a recorded program. Manipur delegates visited Virasat-e-Khalsa at Anandpur Sahib, Punjab, where they were enlightened with the life philosophy and eternal message of 10 Sikh Gurus, their message of peace and brotherhood. They were delighted to enhance their knowledge about the glorious history of Sikh religion, art and the rich culture and heritage of Punjab.



Group Photo of Yuva Sangam Manipur Contingent at Virasat-e-Khalsa Sri Anandpur Sahib

On 11th March, 2023, the Manipur student delegates paid obeisance at Sri Harimandir Sahib (Golden Temple) and listened to Kirtan. The students took langer together with Punjabi buddies, sitting on the ground irrespective of caste, color and creed. They also paid obeisance at Shri Durgiana Temple. Subsequently, the team visited Jallianwala Bagh and paid tribute to freedom fighters who sacrificed their lives during the freedom struggle. In the evening, the Manipur students visited the Atari-Wagha Border and attended the retreat ceremony. The ceremony was stupendous and ignited feelings of patriotism and brotherhood.



Yuva Sangam Manipur Contingent paying obeisance at Golden Temple



Yuva Sangam Manipur delegates at Jallianwala Bagh



Yuva Sangam Manipur Contingent at Atari Wagha Border Retreat Ceremony

The Closing Ceremony of the Yuva Sangam Exposure Visit of the Manipur contingent to Punjab was held at Amritsar, where Padma Shri Prof. Harmohinder Singh Bedi, Hon'ble Chancellor, Central University of Himachal Pradesh, graced as the Chief Guest and Prof. Vinay Kapoor Mehra, Former Vice-Chancellor, Dr. B.R. Ambedkar National Law University, Sonapat, graced as the Guest of Honor. The dignitaries interacted with the Manipur youth delegates and gave their blessings to them.

Speaking on this occasion, Prof. Sanjeev Thakur, the Nodal Officer, Yuva Sangam Programme, informed that during the exposure visit of Manipur to Punjab, the Manipuri youngsters were delighted to enhance their knowledge about the glorious history of Sikh religion, art and the rich culture and heritage of Punjab.

Prof. H.S. Bedi, the Chief Guest, stated that the Yuva Sangam program has helped to improve the understanding of Manipur youth in relation to Punjabi culture. As a result, they formed a strong bond. The dignitaries felicitated the delegates with certificates and a monument of the Golden Temple. On this occasion, the Manipur student delegates thanked the government of India for providing the opportunity to visit the sacred land of 10 Sikh Gurus. They also thanked the Central University of Punjab, the Nodal Institute for Punjab; IRCTC, and other government departments for providing wonderful hospitality during this exposure visit.



Group Photo of Manipur students with Prof. HS Bedi and Prof. Vinay Mehta during closing ceremony

The CUPB officials saw off Manipur delegates at Amritsar Airport on 12th March, 2023 (Sunday) morning, from where they departed back to Manipur with beautiful memories of their Punjab visit.

March 23, 2023: Students from all across Punjab joined at Central University of Punjab to commence their one-week exposure visit to Manipur under Yuva Sangam Programme

- **CUPB Officials flag off the Yuva Sangam Student Delegation of Punjab from Bathinda for one-week Exposure Visit to Manipur**

A group of 50 students and four faculty members from the state of Punjab commenced their exposure visit to Manipur, sponsored by the Government of India, under the Yuva Sangam programme from March 23—29, 2023. The Yuva Sangam Punjab Contingent was flagged off by Prof. B.P. Garg, Controller of Examinations and Registrar (I/c) and CUPB officials from Bathinda for their week-long exposure visit to Manipur on Thursday late evening.

While welcoming the delegation at the Central University of Punjab campus, Prof. Sanjeev Thakur, the Nodal Officer, informed the Vice-Chancellor, Prof. Raghavendra P. Tiwari, that the 50 member Yuva Sangam delegation from Punjab includes male and female students, comprising 23 UG students; 16 PG students and 11 alumni of 24 Higher Educational Institutions from 18 districts in Punjab. He also mentioned that more than 270 youngsters from Punjab have submitted their applications on the Government of India's Yuva Sangam Portal, out of whom these 50 youngsters got an opportunity to be a part of the Yuva Sangam Punjab contingent.



Group of YUVA Sangam Punjab Delegates with Vice-Chancellor Prof. R.P. Tiwari

Vice-Chancellor Prof. Raghavendra P. Tiwari, in his address, stated that Yuva Sangam was mooted by the Hon'ble Prime Minister of India, Shri Narendra Modi Ji, as an initiative to build up close ties between the youth of the North East and the rest of India under the spirit of Ek Bharat Shreshtha Bharat. He stated that CUPB previously coordinated the Manipur delegation's Yuva Sangam Exposure Visit to the state of Punjab from March 6-12, 2023, where Manipuri youth learned about the glorious history of Sikh religion, art, and Punjab's rich cultural heritage. Now it's time for youngsters from Punjab to visit the beautiful state of Manipur. He inspired Yuva Sangam delegates from Punjab to proudly represent Punjabi culture and to learn about Manipur's ancient traditions and rich cultural

heritage through interaction with Mnaipuri youth. Prof. Tiwari expressed his firm belief that these exposure visits will create a strong bond between people living in border states in the western and eastern parts of India.



CUPB CoE and Registrar Prof. B.P. Garg and CUPB Officials flag off Yuva Sangam Punjab Delegates for their exposure visit to Manipur

The delegates embarked on their journey from Bathinda on Thursday evening and boarded their flight to Imphal from Delhi on Friday morning, where Manipur University officials received them.

March 31, 2023: Punjab Youth returned home after successfully completing their week-long exposure visit to Manipur

- **Participants shared that this visit helped them learn about the culture and traditions of the Manipur people and experience the scenic beauty of Manipur State.**

A group of 50 students from the state of Punjab who went on a weeklong exposure visit to Manipur under the Government of India's Yuva Sangam Programme, returned back to Punjab with beautiful memories of their trip on March 30, 2023. The students shared their experiences during the reception ceremony held at the Central University of Punjab under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari.

While welcoming the students back home, Prof. Sanjeev Thakur, Nodal Officer, Yuva Sangam, CUPB, informed the Vice-Chancellor that in this trip the students got an opportunity to meet Her Excellency,

the Hon'ble Governor of Manipur, Ms. Anusuiya Uikey; Hon'ble Chief Minister of Manipur Shri Nongthombam Biren Singh; Minister of State for External Affairs and Education Dr. Rajkumar Ranjan Singh; Hon'ble Minister of Education of Govt. of Manipur Shri Thounaojam Basanta Kumar Singh; and many other dignitaries.

On reaching Manipur University, they received a warm welcome from Prof. N. Lokendra Singh, Hon'ble Vice-Chancellor, Manipur University and the entire university fraternity. Students of Manipur presented them folk dances including Thougai Jagoi, the Mao-Naga dance of the Chithuni Festival, Raas Leela (a Manipuri classical Indian dance), and Thang-Ta a traditional martial art of Manipur. The participants shared that this visit helped them learn about the culture and traditions of Manipur people and experience the scenic beauty of Manipur State.



Group Photo of Punjab Students with Hon'ble Governor of Manipur



Hon'ble CM Manipur interacting with students of Punjab

The participants also shared the experience of their visit to Kangla Nongpok Thong Park, Imphal; Shri Bijoy Govindaji Temple, Imphal; Manipur Olympian Park, Sangaitheh; Marjing Complex at Heingang; Ima Keithel (the world's Largest Only Women's market);

Loktak Lake; Indo-Myanmar Friendship Bridge; Indian National Army (INA) Headquarters. and other places in Manipur.

Dr. Rajinder Kumar Sen, one of the four faculty members who went along with the Punjab student delegation, mentioned that the entire tour provided the participants with multi-dimensional exposure to Paryatan (Tourism), Parampara (Traditions), Pragati (Development), Prodyogik (Technology) and Paraspar Sampark (People-to-people connect) of Manipur state.

In his presidential address, Vice-Chancellor Prof. Raghavendra P. Tiwari stated that Yuva Sangam was mooted by the Hon'ble Prime Minister of India, Shri Narendra Modi Ji, as an initiative to build up close ties between the youth of the North East and the rest of India in the spirit of Ek Bharat Shreshtha Bharat. He appreciated the participants for gracefully representing the culture of Punjab in the Manipur state and learning about their culture. Prof. Tiwari appealed to them to stay connected to their Manipur buddies and share their positive experiences of Manipur with friends in Punjab. This will create a strong bond between people living in border states in the western and eastern parts of India.



Group Photo of Yuva Sangam Punjab delegates with CUPB V-C Prof. R.P. Tiwari

निबंध (हिंदी)

शक्ति- सहधर्मिणी-सजगता की प्रतिमूर्ति : नारी

सर्व चेतना सर्व शक्तिमान,
निज गुण से फिर भी अनजान,
कर्तव्य निभाती सजग सहृदया,
निस दिन रहती तत्पर गतिमान।

मानव-जीवन में नारी ईश्वर प्रदत्त अद्भुत वरदान है। नारी परम-शक्ति का रूप है जिसे विधाता ने नवीन सृजन का वरदान दिया है। आज नारी की दशा और दिशा दोनों बदल चुकी है किंतु एक समय ऐसा भी था जब नारी को आदि-शक्ति स्वरूपा मानकर शिव-तत्व को पूर्ण करने वाली माना जाता था। यह वह समय था जब मातृ देवो भव कहकर नारी को न केवल महत्ता वरन उन्हें सबसे उच्चतम स्थान दिया गया था। उस समय में नारी ब्रह्म ज्ञान की अधिकारिणी बन वैदिक ऋचाओं का गान करते हुए पर्यावरण एवं समाज के प्रति अपने दायित्व को पूर्णरूप से निभाती थी। वह तब न केवल शिक्षित थी वरन अपने साथ-साथ समाज और संस्कृति के विकास में भी योगदान देती थी। यह वह वैदिक काल था जब वेदों की ज्ञाता के रूप में तथा सती रूप में नारी ने अपनी एक अलग पहचान बनाई थी। यही कारण है कि उस समय 'यत्र नार्यस्तु पूजयन्ते रमन्ते तत्र देवता' कहकर नारी के सम्मान को अभिव्यक्ति दी गई थी। भारतीय नारी सती- सावित्री रूप में समाज को एक आदर्श मार्ग प्रशस्त करती थी तो दूसरी ओर शस्त्र हाथ में लेकर समय आने पर अपने राज्य की रक्षा भी करती थी। स्त्री और पुरुष एक दूसरे के पूरक हैं हमारे शास्त्रों में इस तथ्य को अर्द्ध-नारीश्वर रूप में वर्णित किया गया है जिसमें शिव को पूर्णता उनकी पत्नी माँ पार्वती देती हैं। इस प्रकार हमारा आदि पारंपरिक रूप नारी महत्ता से परिपूर्ण है।

जीवन का एक कटु सत्य यह है कि जीवन कभी भी एक सामान नहीं रहता। समय के परिवर्तन के साथ पुरुषवादी मानसिकता हावी होने लगी। पुरुष एवं धर्म ने रुढ़िवादी मानसिकता को अपनाते हुए न केवल स्त्री के अधिकारों को छीना वरन उसे शिक्षा से भी दूर कर दिया। धीरे-धीरे नारी पुरुष के हाथों की कठपुतली बन उसके संकेतों पर नाचने लगी। अशिक्षा एवं आर्थिक परतंत्रता के साथ-साथ धर्म रूढ़ता ने न केवल स्त्री के हाथ बांधे वरन उसे परदे, लाज-हया एवं मर्यादा की आड़ में बाँध दिया। उसे धीरे-धीरे बोझ समझा जाने लगा, वह कभी किसी की वासना का शिकार बनी कभी दहेज से प्रताड़ित हुई तो कभी राजसी शान में एक खूबसूरत पिंजरे में कैद होकर रह गई। वह नित्य प्रति अपने अस्तित्व के संघर्ष करने लगी। किंतु नारी ने हार न मानकर किसी न किसी रूप में कभी झांसी की रानी बन, कभी पद्मावती बन, कभी मीरा के रूप में तो कभी महादेवी वर्मा के रूप में नारी ने विविध आदर्श, विविध क्रान्ति और विविध समर्पण के भावों को चित्रित किया। परिणामस्वरूप अनेक विमर्शों में एक विमर्श तेजी से उभरा जिसे स्त्री विमर्श कहा गया। इस विमर्श ने अपनी पहचान तथा बात समाज के बीच रखी।

इक्कीसवीं सदी में नारी का रूप लगातार बदल रहा है। वर्तमान में नारी के सामने कई चुनौतियां हैं। नारी परिवर्तन की ओर उन्मुख तो हुई लेकिन अशिक्षा के दंश से वह आज भी पूर्ण रूप से मुक्त नहीं हो सकी है। परिणामस्वरूप शहरों में उसकी स्थिति कुछ हद तक सुधरी है किंतु गाँव में आज भी उसे शिक्षा एवं मूल अधिकारों से दूर रखा गया है। साथ ही सांस्कृतिक रुढ़िवादिता का भी सामना उसे करना पड़ता है। आज की नारी ने घर से बाहर कदम जरूर रखा है किंतु घर और बाहर के तनाव से अब भी मुक्त नहीं हो सकी है। महादेवी वर्मा नारी पर विचार करती हुई श्रृंखला की कड़ियों में कहती है कि नारी जीवन की बहुत बड़ी समस्या आर्थिक परतन्त्रता से कहीं अधिक घर और बाहर के संतुलन से संबंधित है और इस समस्या में नारी ही नारी की सबसे बड़ी शत्रु बन हमारे सम्मुख आती है। बदलते दौर में भी भारतीय घरों में बेटियों के प्रति नजरिया बदला है किंतु बहू बनाम बेटी की समस्या अभी भी देखने को मिलती है। हम घरों में बेटी को जो स्वतंत्रता देते हैं किंतु बहू के आते ही रूढ़िवादी और पुरातनवादी हो जाते हैं। बेटा-बेटी के बीच के भेद को कम किया गया है लेकिन अब भी समाज बेटी होने के बाद एक बेटा अवश्य होने का दबाव बनाता है चाहे बेटे होने के बाद बेटी अवश्य होने का दबाव हो या न हो। बेटे जनने वाली स्त्रियाँ ही बेटी जनने वाली महिलाओं पर अप्रत्यक्ष रूप से दबाव बनाती हैं। सास बहू पर विश्वास करने का दिखावा तो करती हैं किंतु असल में उसके मन में कहीं न कहीं अविश्वास रहता ही है। यही बहू का अपनी सास और माँ के प्रति विश्वास के अंतर के रूप में देखा जा सकता है। स्त्री जीवन का सबसे बड़ा तनाव उसके स्त्री होने से है। भारतीय समाज बेटी के लिए बदल गया है, प्रेमिका के लिए बदल गया है किंतु बहू और पत्नी के लिए नहीं। स्त्री चाहे आज पुरुष के साथ कंधे मिलाकर चल रही है किंतु उसे घर और बाहर की चक्की में पिसना ही पड़ता है। नारी जीवन की एक बहुत बड़ी चुनौती सुरक्षा से संबंधित है। आज भी निर्भया जैसे काण्ड उसे डरा देते हैं। महिलाओं पर घरेलू हिंसा और कुट्टि भी आज चरम रूप में कई स्थानों पर देखने को मिल सकती है। यह स्थिति शहर की थी गाँव में तो उसे आज भी घर की चारदीवारी के बीच अक्सर बंद रहना पड़ता है। मध्यवर्गीय स्त्री को पहले घर फिर आर्थिक स्थिति मजबूत करने के लिए नौकरी और अंततः पुनः घर को देखना होता है। यदि पुरुष पढ़ा-लिखा होकर स्त्री का हाथ बटाने का प्रयास करता है तो पहले उसे अपने अंतर्मन में बसे पुरुष से जूझना पड़ता है रही सही कसर समाज पूरी कर उसे जोरू का गुलाम सिद्ध करके उसका जीवन दूभर कर देता है। दहेज समस्या, भ्रूण हत्या, बेटी को बोझ समझना, उसे नौकरी के लिए मौका न देना यह समस्याएं किसी न किसी रूप में आज भी नारी जीवन में बाधाएं बन विद्यमान हैं।

नारी को आज के समाज में कई चुनौतियों का सामना करना पड़ता है। किंतु साथ ही अब यह दायित्व बनता है कि

इन समस्याओं पर चिंतन करते हुए इन्हें दूर करने का प्रयास किया जाए। हमें बेटे के साथ-साथ बेटी पर भी गर्व होना चाहिए तथा उसे पढ़ने का पूरा अवसर देना चाहिए। सरकार इस ओर जागृत है तथा बेटी पढ़ाओ, बेटी बचाओ का नारा समाज में फैला रही है। अब समय आ गया है कि बेटा-बेटी के अंतर को समाज से मिटाना होगा और बेटी के साथ-साथ बेटे को समझाना होगा कि वह दोनों अब बराबर है। हमें साथ ही ये बात समझनी है कि शिक्षा का अर्थ आधुनिकता के साथ स्वच्छंदता को अपनाना नहीं बल्कि स्वतंत्रता को अपनाना है। स्वच्छंद प्रवृत्ति के कारण ही तलाक के नाम पर असहनशीलता की भावना बड़ी तेजी से उभरकर आ रही है। आधुनिकता के नाम पर फैशन परस्ती, किटी पार्टी का चलन तथा घर की जिम्मेदारियों से भागना नहीं है बल्कि स्त्री के साथ पुरुष मिलकर एक दूसरे का सम्मान करते हुए घर और बाहर की जिम्मेदारी को निभाना ही असल में आधुनिकता है। याद रखें नारी शक्ति ही किसी भी मजबूत समाज की नींव है। अतः आवश्यकता इस बात की है कि हम एक दूसरे का महत्त्व समझे एक दूसरे को जागृत करें तथा एक दूसरे का साथ देते हुए नारी की महत्ता को बनाए रखें। आज के समाज में अब हमारा यही दायित्व बनता है कि नारी महत्ता को पुनः स्थापित करें। परिवार में माता-पिता, भाई-बहन, पति-पत्नी, बेटा-बेटी के अंतर को समाप्त कर परिवार में एकता लाने का प्रयास करें। पारिवारिक एकता एवं अपनत्व सुदृढ़ समाज का पहला रूप कहा गया है। बेटी को पढ़ने एवं आगे बढ़ने का पूर्ण अवसर मिले। बेटे के साथ-साथ बहू को भी बेटी के सामान ही सभी अधिकार मिलें जिससे कि वह मन से परिवार के साथ-साथ समाज के प्रति योगदान दे सके। हमारा धर्म नारी

को बांधता नहीं वरन परम शक्ति मानता है अतः रूढ़ता से मुक्त हो नारी को सुदृढ़ बनाएं। इसलिए कहा भी गया है कि 'नारी का सम्मान जहां, मूल संस्कृति का उत्थान वहां'। आज की सबसे बड़ी आवश्यकता यही है कि परम्परा-आधुनिकता के बीच ताल-मेल करके स्त्री-जीवन को सुदृढ़ बनाएं। रूढ़ परम्परा से मुक्त होना है किंतु संस्कारों को जीवित रखना है। उसी प्रकार आधुनिकता के स्वच्छंद रूप से मुक्त होकर उसे युग-बोध के अनुरूप स्वीकार करना है। नारी उत्थान केवल नारी जागरण मात्र से संभव नहीं वरन पिता, बेटे, पति और भाई में विद्यमान पुरुष को भी समझने की आवश्यकता है। अंततः यही कहा जा सकता है कि नारी शक्ति स्वरूपा है यह उसे याद रहे और पुरुष को भी यह आभास होना चाहिए। नारी परमशक्ति स्वरूप थी जिसने सहधर्मिणी बन परिवार, जाति और समाज को पूर्णता दी। आज वही नारी सजग हो समाज को सही दिशा देने में अपनी महत्वपूर्ण भूमिका निभा रही है। किंतु उसे इस शक्ति का आभास करना परम आवश्यक है-

यदि जगाना आदि शक्ति को,
सभी साथ मिलकर आगे आए।
स्मरण करवाकर खोई शक्ति,
स्वयं जागे औरों को जगाएँ ॥

(अंतर्राष्ट्रीय महिला दिवस पर विशेष)
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लेख (पंजाबी)

ਮਨੁੱਖੀ ਚੇਤਨਾ ਅਤੇ ਗੁਰਬਾਣੀ

ਮਨੁੱਖੀ ਮਨ ਇਕ ਅਜਿਹੀ ਪੇਚੀਦਾ ਅਤੇ ਜਟਿਲ ਸਿਰਜਣਾ ਹੈ, ਜਿਸ ਨੂੰ ਸਮਝਣ ਲਈ ਮਨੁੱਖ ਸਮੇਂ ਸਮੇਂ ਯਤਨਸ਼ੀਲ ਰਿਹਾ ਹੈ। ਮਨੁੱਖੀ ਮਨ ਦੀ ਚੇਤਨਾ ਸ਼ਕਤੀ ਹੀ ਮਨੁੱਖ ਨੂੰ ਸਾਰੇ ਪ੍ਰਾਣੀ ਜਗਤ ਵਿਚ ਸ਼੍ਰੇਣਤਾ ਪ੍ਰਦਾਨ ਕਰਦੀ ਹੈ। ਇਸੇ ਲਈ ਗੁਰੂ ਅਮਰਦਾਸ ਜੀ ਆਪਣੀ ਬਾਣੀ ਵਿਚ ਫੁਰਮਾਉਂਦੇ ਹਨ, "ਅਵਰ ਜੋਨਿ ਤੇਰੀ ਪਨਿਹਾਰੀ॥ ਇਸੁ ਪਰਤੀ ਮਹਿ ਤੇਰੀ ਸਿਕਦਾਰੀ॥(374)" ਜਿਥੇ ਮਨੁੱਖ ਇਸ ਚੇਤਨਾ ਰਾਹੀਂ ਆਪਣੇ ਸਮਾਜ-ਸਭਿਆਚਾਰ ਅਤੇ ਜੀਵਨ ਨੂੰ ਸਮਝਣ ਦੇ ਯੋਗ ਹੁੰਦਾ ਹੈ, ਉਥੇ ਜਦੋਂ ਇਹ ਸ਼ਕਤੀ ਸਹੀ ਦਿਸ਼ਾ ਵੱਲ ਸੰਚਾਲਿਤ ਨਹੀਂ ਹੁੰਦੀ ਤਾਂ ਉਸਦੀ ਸੀਮਾਂ ਬਣ ਜਾਂਦੀ ਹੈ। ਚੇਤਨਾ ਹੀ ਮਨੁੱਖੀ ਜੀਵਨ ਦਾ ਆਧਾਰ ਹੈ, ਇਸਦਾ ਵਰਤਾਅ ਹੀ ਮਨੁੱਖ ਦੇ ਜੀਵਨ ਦੀ ਦਿਸ਼ਾ ਨਿਰਧਾਰਤ ਕਰਦਾ ਹੈ। ਇਸ ਚੇਤਨਾ ਦੇ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਨ ਲਈ ਹੀ ਵਿਭਿੰਨ ਪ੍ਰਕਾਰ ਦੇ ਦਾਰਸ਼ਨਿਕ ਮੱਤ, ਪਰੰਪਰਾਵਾਂ ਤੇ ਵਿਚਾਰਧਾਰਾਵਾਂ ਪੈਦਾ ਹੋਈਆਂ, ਬਿਨਸਦੀਆਂ-ਵਿਗਸਦੀਆਂ ਰਹੀਆਂ ਅਤੇ ਬਦਲਦੀਆਂ ਵੀ ਰਹੀਆਂ ਹਨ। ਜਦੋਂ ਅਸੀਂ ਭਾਰਤੀ ਭਾਰਤੀ ਪਰੰਪਰਾ ਨੂੰ ਵਾਚਦੇ ਹਾਂ ਤਾਂ ਇਹ ਚੇਤਨਾ ਨੂੰ ਕੇਂਦਰ ਵਿਚ ਰੱਖਦੀ ਹੈ ਅਤੇ ਬੁਨਿਆਦੀ ਰੂਪ ਵਿਚ ਇਸ ਦਾ ਆਧਾਰ ਪਰਮ-ਸ਼ਾਸਤਰ, ਦਰਸ਼ਨ-ਸ਼ਾਸਤਰ ਅਤੇ ਅਧਿਆਤਮ ਰਹੇ ਹਨ। ਇਨ੍ਹਾਂ ਦੇ ਅੰਤਰਗਤ ਮਾਨਵੀ ਚੇਤਨਾ ਨੂੰ ਅਨੇਕਾਂ ਤਰੀਕਿਆਂ ਜਿਵੇਂ

ਕਰਮਕਾਂਡਾਂ, ਗਿਆਨ-ਮਾਰਗ, ਕਰਮ-ਮਾਰਗ, ਹੱਠ-ਸਾਧਨਾ ਅਤੇ ਜਤ-ਤਪ ਆਦਿ ਰਾਹੀਂ ਮੁਕਤ ਕਰਨ ਦੀਆਂ ਵਿਧੀਆਂ ਦਰਸਾਈਆਂ ਗਈਆਂ, ਜਿਨ੍ਹਾਂ ਨਾਲ ਸੰਵਦ ਦੁਆਰਾ ਭਗਤੀ ਪਰੰਪਰਾ ਵਰਗੀ ਭਗਤੀ-ਭਾਵਨਾ ਅਧਾਰਿਤ ਲਹਿਰ ਹੋਂਦ ਵਿਚ ਆਉਂਦੀ ਹੈ। ਇਸ ਨੇ ਚੇਤਨਾ ਨੂੰ ਸਰਨਾਗਤ ਅਤੇ ਪ੍ਰੇਮਾਂ ਭਗਤੀ ਦੇ ਸੁਮੇਲ ਰਾਹੀਂ ਮੁਕਤ ਕਰਨ ਦਾ ਮਾਰਗ ਦਰਸਾਇਆ ਅਤੇ ਇਸ ਨੂੰ ਗੁਰੂ-ਦਰਸ਼ਨ ਦੁਆਰਾ ਪ੍ਰਫੁੱਲਿਤ ਕੀਤਾ ਗਿਆ। ਗੁਰਬਾਣੀ ਅਨੁਸਾਰ ਚੇਤਨਾ ਜਿਸਦਾ ਚਿੰਤਨ ਕਰਦੀ ਹੈ, ਉਸੇ ਵੱਲ ਹੀ ਵਹਿ ਤੁਰਦੀ ਹੈ। ਇਹ ਚਿੰਤਨ ਦੇ ਪ੍ਰਕਾਰ ਦਾ ਹੈ: ਬ੍ਰਹਮ-ਚਿੰਤਨ ਅਤੇ ਮਾਇਆਵੀ ਚਿੰਤਨ। ਮਾਇਆਵੀ ਚਿੰਤਨ, ਚੇਤਨਾ ਨੂੰ ਬਾਹਰਮੁਖਤਾ ਨਾਲ ਜੋੜਦਾ ਹੈ ਅਤੇ ਬ੍ਰਹਮ-ਚਿੰਤਨ ਇਸ ਨੂੰ ਅੰਤਰੀਵਤਾ ਨਾਲ। ਮਾਇਆਵੀ ਚਿੰਤਨ ਦਾ ਧਰਾਤਲ 'ਚਿੰਤਾ' ਹੈ, ਕਿਉਂਕਿ ਚੇਤਨਾ ਜਦੋਂ ਨਾਸ਼ਮਾਨ ਪ੍ਰਕਿਰਤੀ ਵਾਲੇ ਵਸਤੂਗਤ ਸੰਸਾਰ ਨਾਲ ਜੁੜਦੀ ਹੈ ਤਾਂ ਦੁੱਖਦਾਇਕ ਸਥਿਤੀ ਭੇਗਦੀ ਹੈ ਅਤੇ ਇਹ ਦੁੱਖ ਚਿੰਤਾਜਨਕ ਹੈ। ਦੂਜੇ ਪਾਸੇ ਬ੍ਰਹਮ-ਚੇਤਨਾ ਦਾ ਧਰਾਤਲ 'ਚੇਤੰਨਤਾ' ਹੈ, ਕਿਉਂਕਿ ਇਹ ਅੰਤਰਵਰਤੀ ਹੋਣ ਕਾਰਨ ਇਕ ਮੂਲ ਨਾਲ ਜੋੜਦਾ ਹੈ ਜਿਹੜਾ ਕਿ ਸਦੀਵੀ ਸੁੱਖਦਾਇਕ ਪ੍ਰਕਿਰਤੀ ਵਾਲਾ ਹੈ। ਅਸਲ ਵਿਚ ਗੁਰਬਾਣੀ ਮਨੁੱਖੀ ਚੇਤਨਾ ਨੂੰ 'ਚਿੰਤਾ ਦੇ ਧਰਾਤਲ' ਤੋਂ 'ਚੇਤੰਨਤਾ ਦੇ

ਧਰਾਤਲ' ਤੱਕ ਲਿਜਾਉਣ ਦਾ ਮਾਰਗ ਦਰਸਾਉਂਦੀ ਹੈ। ਇਸ ਨੂੰ ਗੁਰੂ ਸਾਹਿਬ "ਚਿੰਤਾ ਛੋੜਿ ਅਚਿੰਤ ਰਹੋ" ਕਹਿ ਕੇ ਦ੍ਰਿੜ ਕਰਾਉਂਦੇ ਹਨ। ਇਸ ਲਈ ਗੁਰਬਾਣੀ ਵਿਚ ਚੇਤਨਾ ਦੇ ਦੋ ਮਾਰਗਾਂ ਦਾ 'ਗੁਰਮਤਿ' ਅਤੇ 'ਦੁਰਮਤਿ' ਦੇ ਰੂਪ ਵਿਚ ਅੰਤਰ-ਸੰਵਾਦ ਉਸਾਰਿਆ ਗਿਆ ਹੈ। ਇਸ ਸੰਵਾਦ ਦੁਆਰਾ ਚੇਤਨਾ ਨੂੰ ਮਨਮੱਤ ਨਾਲੋਂ ਨਿਖੇੜ ਕੇ ਗੁਰਮਤਿ ਨਾਲ ਜੋੜਿਆ ਗਿਆ ਹੈ, ਜਿਥੇ ਪਹੁੰਚ ਕੇ ਇਹ ਆਪਣੇ ਵਾਸਤਵਿਕ ਵਿਰਾਟ ਪਰਮ ਵਜ੍ਹਦ ਨੂੰ ਪਹਿਚਾਣਦੀ ਹੋਈ ਉਸਦਾ ਭਾਗ ਹੀ ਬਣ ਜਾਂਦੀ ਹੈ। ਗੁਰਬਾਣੀ ਵਿਚ ਚੇਤਨਾ ਨੂੰ ਉਸਦੇ ਮੂਲ ਬਾਰੇ ਜਾਗਰੂਕ ਕਰਦਿਆਂ ਕਿਹਾ ਗਿਆ ਹੈ:

ਮਨੁ ਤੂੰ ਜੋਤਿ ਸਰੂਪ ਹੈ ਆਪਣਾ ਮੂਲ ਪਛਾਣੁ॥

ਮਨ ਹਰਿ ਜੀ ਤੇਰੈ ਨਾਲਿ ਹੈ ਗੁਰਮਤੀ ਰੰਗ ਮਾਣੁ॥(ਅੰਗ,441)

ਇਸ ਵਿਚ ਮਾਨਵੀ ਚੇਤਨਾ ਨੂੰ ਉਸਦੀ ਵਾਸਤਵਿਕ ਹੋਂਦ ਦਾ ਅਨੁਭਵ ਕਰਵਾਇਆ ਗਿਆ ਹੈ। ਜੇ ਕਿ ਜੋਤਿ ਸਰੂਪ ਹੈ ਭਾਵ ਆਤਮ ਗਿਆਨ ਦੁਆਰਾ ਜਾਗ੍ਰਿਤ ਸਰੂਪ ਹੈ। ਚੇਤਨਾ ਨੂੰ ਆਤਮ ਗਿਆਨ ਦੁਆਰਾ ਵਿਰਾਟ ਪਰਮ ਸੱਤਾ ਨਾਲ ਜੋੜਨ ਦਾ ਯਤਨ ਕੀਤਾ ਗਿਆ ਹੈ। ਚੇਤਨਾ ਦੇ ਇਸ ਵਾਸਤਵਿਕ ਸਰੂਪ ਨੂੰ ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ "ਅਚਰਜ ਕਥਾ ਮਹਾ ਅਨੂਪ॥ ਪ੍ਰਾਤਮਾ ਪਾਰਬ੍ਰਹਮ ਕਾ ਰੂਪ(868)" ਵਜੋਂ ਪਰਿਭਾਸ਼ਤ ਕਰਦੇ ਹਨ। ਗੁਰਬਾਣੀ ਅਨੁਸਾਰ ਚੇਤਨਾ ਅਸਲ ਵਿਚ ਅਤਿ ਸ਼ਕਤੀਸ਼ਾਲੀ ਮਨੁੱਖੀ ਮਾਨਸਿਕ ਵਰਤਾਰਾ ਹੈ, ਜਿਸ ਦੀ ਹੋਂਦ ਖੰਡ ਤੋਂ ਬ੍ਰਹਿਮੰਡ ਤੱਕ ਫੈਲੀ ਹੋਈ ਹੈ। ਮਨੁੱਖ ਦੇ ਜੀਵਨ ਨੂੰ ਨਿਰਧਾਰਤ, ਨਿਯੰਤਰਿਤ ਅਤੇ ਸੰਚਾਲਿਤ ਕਰਨਾ ਚੇਤਨਾ ਉਪਰ ਹੀ ਨਿਰਭਰ ਹੈ। ਪਰੰਤੂ ਮਨੁੱਖ ਦੇ ਸਰੀਰ ਜਿਹੜਾ ਕਿ ਉਸਦੇ ਮੁਕਤ ਹੋਣ ਦਾ ਇਕੋ-ਇਕ ਮਾਧਿਅਮ ਹੈ, ਵਿਚ ਪ੍ਰਵੇਸ਼ ਕਰਦਿਆਂ ਹੀ ਇਹ ਭਰਮ ਦਾ ਸ਼ਿਕਾਰ ਹੋ ਜਾਂਦੀ ਹੈ ਅਤੇ ਇਸ ਉਪਰ ਕਾਲ ਅਤੇ ਸੰਸਾਰ ਦਾ ਗਲਬਾ ਪੈ ਜਾਂਦਾ ਹੈ। ਜਿਸ ਕਾਰਨ ਇਸ ਦਾ ਮੁਕਤੀ ਦਾ ਮਾਰਗ ਕਠਿਨ ਹੋ ਜਾਂਦਾ ਹੈ। ਗੁਰਮਤਿ ਅਨੁਸਾਰ ਮਨੁੱਖੀ ਜੀਵਨ ਹੀ ਚੇਤਨਾ ਮੁਕਤੀ ਲਈ ਪ੍ਰਾਪਤ ਹੁੰਦਾ ਹੈ, ਜਿਸ ਲਈ ਇਹ ਮਨੁੱਖੀ ਦੇਹ ਵਿਚ ਪ੍ਰਵੇਸ਼ ਕਰਦੀ ਹੈ:

ਏ ਸਰੀਰਾ ਮੇਰਿਆ ਹਰਿ ਤੁਮ ਮਹਿ ਜੋਤਿ ਰਖੀ ਤਾ ਤੂੰ ਜਗ ਮਹਿ ਆਇਆ॥

ਹਰਿ ਜੋਤਿ ਰਖੀ ਤੁਧ ਵਿਚ ਤਾ ਤੂ ਜਗ ਮਹਿ ਆਇਆ॥(ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ, 921)

ਇਸ ਤਰ੍ਹਾਂ ਮਨੁੱਖੀ ਸਰੀਰ ਚੇਤਨਾ ਮੁਕਤੀ ਲਈ ਹੀ ਪ੍ਰਾਪਤ ਹੁੰਦਾ ਹੈ। ਕਿਉਂਕਿ ਚਿੰਤਾ, ਚਿੰਤਨ ਅਤੇ ਚੇਤਨਤਾ ਲਈ ਭੌਤਿਕ ਮਸ਼ੀਨਰੀ ਕੇਵਲ ਮਨੁੱਖ ਜੀਵ ਦੇ ਭੌਤਿਕ ਢਾਂਚੇ ਵਿਚ ਮੌਜੂਦ ਹੈ। ਚੇਤਨਾ ਦੇ ਪਰਮ-ਚੇਤਨਾ ਦੇ ਮਿਲਾਪ ਨੂੰ ਬਾਣੀ "ਤਨੁ ਮਹਿ ਮਨੁਆ ਮਨ ਮਹਿ ਸਾਚਾ॥ਸੇ ਸਾਚਾ ਮਿਲ ਸਾਚੇ ਰਾਚਾ (686) ਕਹਿ ਕੇ ਪ੍ਰਸਤੁਤ ਕੀਤਾ ਗਿਆ ਹੈ।

ਗੁਰਬਾਣੀ ਵਿਚ ਚੇਤਨਾ ਮਨੁੱਖ ਮਨ ਦੀ ਇਕ ਅਜਿਹੀ ਪਰਤ ਵਜੋਂ ਰੂਪਮਾਨ ਹੁੰਦੀ ਹੈ, ਜਿਸ ਦੀ ਮੁਕਤੀ ਤੋਂ ਬਿਨਾਂ ਮਨੁੱਖ ਮੁਕਤ ਨਹੀਂ ਹੋ ਸਕਦਾ ਅਤੇ ਇਹ ਚੇਤਨਾ ਲਗਾਤਾਰ ਸਰੀਰ ਬਦਲਦੀ ਰਹਿੰਦੀ ਹੈ। ਇਸੇ ਲਈ ਮਨੁੱਖ ਜਨਮ-ਮਰਨ ਦੀ ਪ੍ਰਕਿਰਿਆ ਵਿਚ ਪਿਆ ਰਹਿੰਦਾ ਹੈ। ਮਨੁੱਖ ਇਸ ਪੱਖ ਤੋਂ ਅਚੇਤ ਹੁੰਦਾ ਹੈ ਕਿ ਚੇਤਨਾ ਤਾਂ ਉਸ ਦੇ ਸਰੀਰ ਵਿਚ

ਹੀ ਵਿਦਮਾਨ ਹੈ। ਇਹੀ ਕਾਰਨ ਹੈ ਕਿ ਮਨੁੱਖ ਨਾ ਤਾਂ ਇਸ ਨੂੰ ਪਹਿਚਾਣ ਪਾਉਂਦਾ ਹੈ ਅਤੇ ਨਾ ਹੀ ਜੀਵਨ ਦੇ ਅਸਲ ਮਕਸਦ ਤੋਂ ਜਾਣੂ ਹੁੰਦਾ ਹੈ। ਅਸਲ ਵਿਚ ਗੁਰਬਾਣੀ ਰਾਹੀਂ ਮਨੁੱਖ ਨੂੰ ਉਸਦੇ ਵਾਸਤਵਿਕ ਅੰਤਰੀਵੀ ਅਸਤਿਤਵ ਨਾਲ ਜੋੜਿਆ ਗਿਆ ਹੈ, ਤਾਂ ਕਿ ਉਹ ਇਸਦੀ ਪਹਿਚਾਣ ਕਰਨ ਮਗਰੋਂ ਗੁਰੂ-ਗਿਆਨ ਆਧਾਰਤ ਮਾਰਗ ਉਪਰ ਚੱਲ ਕੇ ਚੇਤਨਾ ਨੂੰ ਭੌਤਿਕ ਵਜ੍ਹਦ ਤੋਂ ਮੁਕਤ ਕਰਕੇ ਵਿਆਪਕਤਾ ਨਾਲ ਜੋੜ ਸਕੇ।

ਗੁਰਬਾਣੀ ਦੇ ਅਨੁਸਾਰ ਚੇਤਨਾ ਦੇ ਵਹਾਅ ਦੀਆਂ ਦੋਵਾਂ ਦਿਸ਼ਾਵਾਂ ਬਾਹਰਮੁਖੀ ਅਤੇ ਅੰਤਰਵਰਤੀ ਵਿੱਚੋਂ ਪਹਿਲੀ ਦਾ ਸੰਬੰਧ ਭੇਗ ਨਾਲ ਜੁੜਦਾ ਹੈ, ਜਦਕਿ ਦਾ ਗਿਆਨ-ਸਾਧਨਾ ਨਾਲ। ਜਦੋਂ ਮਨੁੱਖ ਪਦਾਰਥ ਨਾਲ ਜੁੜਦਾ ਹੈ ਤਾਂ ਉਸਦੀ ਚੇਤਨਾ ਖੁਆਰ ਹੁੰਦੀ ਹੈ ਪਰੰਤੂ ਜਦ ਅੰਤਰੀਵਤਾ ਨਾਲ ਜੁੜਦਾ ਹੈ ਤਾਂ ਉਸਦੀ ਆਪਣੀ ਵਾਸਤਵਿਕ ਹੋਂਦ ਨੂੰ ਖੋਜ ਲੈਂਦਾ ਹੈ ਅਤੇ ਉਸਦਾ ਹਿੱਸਾ ਬਣ ਜਾਂਦਾ ਹੈ। ਚੇਤਨਾ ਦਾ ਉਸਦੇ ਨਿਸ਼ਚਿਤ ਸਮੇਂ ਦੌਰਾਨ ਹੀ ਮੁਕਤ ਹੋਣਾ ਲਾਜ਼ਮੀ ਹੈ ਕਿਉਂਕਿ ਨਿਸ਼ਚਿਤ ਸਮੇਂ ਲਈ ਹੀ ਉਸ ਕੋਲ ਇਸਦਾ ਮਾਧਿਅਮ ਭਾਵ ਮਨੁੱਖੀ ਦੇਹੀ ਮੌਜੂਦ ਹੈ। ਇਸ ਚੇਤਨਾ ਮੁਕਤੀ ਦੀ ਪ੍ਰਕਿਰਿਆ ਨੂੰ ਹੀ ਜੀਵਨ ਮੁਕਤੀ ਕਿਹਾ ਜਾਂਦਾ ਹੈ।

ਮਨੁੱਖੀ ਚੇਤਨਾ ਲਈ ਜਿਹੜਾ ਰਾਹ ਗੁਰਬਾਣੀ ਦਰਸਾਉਂਦੀ ਹੈ ਉਹ ਅਸਲ ਵਿਚ ਜੀਵਨ-ਮੁਕਤੀ ਦਾ ਮਾਰਗ ਹੈ। ਗੁਰਬਾਣੀ ਸਰੀਰ ਨੂੰ ਨਹੀਂ ਬਲਕਿ ਚੇਤਨਾ ਨੂੰ ਸੰਸਾਰ ਤੋਂ ਮੁਕਤ ਕਰਨ ਦੀ ਗੱਲ ਕਰਦੀ ਹੈ। ਪਦਾਰਥਕਤਾ ਦੇ ਨਿਰੰਤਰ ਵੱਧ ਰਹੇ ਰੁਝਾਨ ਦੇ ਸਦਕਾ ਮਨੁੱਖੀ ਚੇਤਨਾ ਇਸ ਪੱਧਰ ਤੇ ਵਸਤੂਨਿਸ਼ਠ ਹੋ ਗਈ ਹੈ ਕਿ ਉਸਨੂੰ ਆਪਣੇ ਜੀਵਨ ਦੀ ਵਾਸਤਵਿਕਤਾ ਦਾ ਆਭਾਸ ਕਰਵਾਉਣਾ ਕਠਿਨ ਪ੍ਰਤੀਤ ਹੁੰਦਾ ਹੈ। ਇਹ ਪਦਾਰਥਕਤਾ ਵਿਚ ਕ੍ਰਮਿਤ ਚੇਤਨਾ ਮਾਨਵਤਾ ਲਈ ਕਲਿਆਣਕਾਰੀ ਹੋਣ ਦਾ ਭਰਮ ਤਾਂ ਸਿਰਜਦੀ ਹੈ ਪਰੰਤੂ ਹਕੀਕਤ ਵਿਚ ਵਿਨਾਸ਼ਕਾਰੀ ਰੂਪ ਵਿਚ ਭੁਗਤ ਰਹੀ ਹੈ। ਇਸ ਸਥਿਤੀ ਵਿਚ ਗੁਰਬਾਣੀ ਦਾ ਪ੍ਰਵਚਨ ਹਕੀਕੀ ਕਲਿਆਣ ਲਈ ਮਾਨਵਤਾ ਲਈ ਸਾਰਥਕ ਸਿੱਧ ਹੋ ਸਕਦਾ ਹੈ। ਕਿਉਂਕਿ, ਗੁਰਬਾਣੀ ਸਿਧਾਂਤ 'ਗੁਰਮੁਖ' ਦੇ ਰੂਪ ਵਿਚ ਅਜਿਹੇ ਮਨੁੱਖ ਦਾ ਮਾਡਲ ਸਿਰਜਦਾ ਹੈ ਜਿਹੜਾ ਆਪਣੀ ਦੇਹੀ ਹੋਂਦ ਵਿਚ ਵਿਦਮਾਨ ਚੇਤਨਾਤਮਕ ਵਜ੍ਹਦ ਨੂੰ ਸ਼ਬਦ-ਸਾਧਨਾ ਦੁਆਰਾ ਮੁਕਤ ਜੀਵਨ ਜਿਉਂਦਾ ਹੈ ਅਤੇ ਜਿਸ ਦਾ ਜੀਵਨ ਮੰਤਵ ਸਵੈ-ਹੋਂਦ ਦੀ ਪਹਿਚਾਣ ਕਰਕੇ ਚੇਤਨਾ ਨੂੰ ਖੰਡ ਤੋਂ ਮੁਕਤ ਕਰਕੇ ਬ੍ਰਹਿਮੰਡੀ ਸਰੂਪ ਵਿਚ ਬਦਲਣਾ ਹੈ। ਅਜਿਹਾ ਜੀਵਨ-ਮੁਕਤ ਮਨੁੱਖ ਮਾਨਵਤਾ ਦੇ ਕਲਿਆਣ ਲਈ ਕਾਰਜ ਕਰਨਾ ਹੀ ਆਪਣਾ ਅਸਲ ਧਰਮ ਸਮਝਦਾ ਹੈ। ਅੱਜ ਦੇ ਪਦਾਰਥਵਾਦੀ ਯੁੱਗ ਵਿਚ ਮੈਂ, ਮੰਡੀ ਅਤੇ ਮੁਨਾਫੇ 'ਤੇ ਆਧਾਰਿਤ ਮਾਨਵਤਾ ਦੀ ਚੇਤਨਾ ਨੂੰ ਗੁਰੂ ਸ਼ਬਦ ਰਾਹੀਂ ਅਸਲ ਮਾਰਗ ਤੇ ਲਿਆਉਣ ਲਈ ਗੁਰਬਾਣੀ ਵਿਚਲੀ ਸੇਧ ਨੂੰ ਜੀਵਨ-ਮਾਡਲ ਵਜੋਂ ਲਾਗੂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ ਅਤੇ ਅਜਿਹੇ ਮਾਨਵ-ਵਿਨਾਸ਼ਕਾਰੀ ਯੁੱਗ ਵਿਚ ਮਾਨਵ ਕਲਿਆਣ ਲਈ ਇਕ ਆਸ ਦੀ ਕਿਰਨ ਸਮਝਿਆ ਜਾ ਸਕਦਾ ਹੈ।

ਸੁਖਮਨਪ੍ਰੀਤ ਕੌਰ

ਪੀਐੱਚ.ਡੀ ਖੇਜਾਰਬੀ, ਪੰਜਾਬੀ ਵਿਭਾਗ

Research Publications

List of Research Publication from 1st February 2023 to 31st March 2023 (As per SCOPUS Database)

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Projects Sanctioned

List of Research Projects sanctioned in between 1st February 2023 to 31st March 2023

Sr. No.	Project Title	PI Name	Department Name	Sanctioned Date	Sanctioned Amount	Funding Agency
1	Engineering of Algal System by Targeting B-Carotene ketolase and lycopene epsilon cyclase for Biofuel Production using the CRISPR-Cas9 System	Dr. Prashant Swapnil	Botany	03.02.2023	4690404	DST-SERB
2	Investigation of temporal distribution of carbonaceous aerosols and their contributing sources using molecular source tracers and source apportionment models	Dr. Ajay Kumar	Environmental Science and Technology	23.02.2023	4022907	DST-SERB
3	i-TBI	Prof. Anjana Munshi	Human Genetics and Molecular Medicine	10.03.2023	39900000	DST
4	India's Presidency of G20 and its Role as a Norm Initiator	Dr. Nishtha Kaushiki	South & Central Asian Studies	17.03.2023	500000	ICSSR
5	Contribution of Saptasindhu Litterateurs in Indian Freedom Struggle: A Socio-Historic Perspective	Dr. Neelu Rawat	Sociology	23.03.2023	200000	ICSSR

- **Research Projects sanctioned during 01.02.2023 to 31.03.2023 with grant of Rs. 4,93,13,311/-**

Student Achievements

List of Students defended Ph.D. Thesis in between 1st February 2023 to 31st March 2023

Sr. No.	Registration Number	Name	Department Name	Batch	Date of VIVA
1	15phdpls02	Villayat Ali	Biochemistry and Microbial Sciences	2015-16	09.02.2023
2	15phdsca01	Davinderpal Singh	South and Central Asian Studies	2015-16	31.03.2023
3	17phdhgs02	Abhilash	Human Genetics and Molecular Medicine	2017-18	28.03.2023
4	18phdmns04	Ankit	Mathematics and Statistics	2018-19	15.03.2023
5	17phdphm01	Ashish Ranjan Dwivedi	Pharmaceutical Sciences and Natural Products	2017-18	27.03.2023



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