



CENTRAL UNIVERSITY OF PUNJAB

NAAC ACCREDITED 'A' GRADE UNIVERSITY
FIVE STAR RATING UNDER GRIHA-LD MASTER PLAN

RANKED 87th UNIVERSITY OF INDIA IN 'N.I.R.F. INDIA RANKINGS 2020'

BATHINDA-BADAL ROAD, V.P.O. GHUDDA, DIST. BATHINDA – PUNJAB

CUPB NEWSLETTER

Issue No.: Vol. 9 (No. 1)
December 2020 to February 2021

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EDITORIAL

Owing to its commitment to set new benchmarks in education & research and transforming youngsters to build a knowledge driven society, the Central University of Punjab under the leadership of the Vice Chancellor Prof. Raghavendra P. Tiwari is putting its best efforts striving towards excellence during the situation of COVID-19 pandemic.

The efforts of the University got applauded by the Hon'ble Minister of Education Shri (Dr.) Ramesh Pokhriyal 'Nishank' when he delivered the inaugural address at a two-day Virtual International Akhand Conference EDUCON2020 organized by CUPB on January 7—8, 2021. Hon'ble Minister of Education, while appreciating the efforts of university in imparting quality education, stated that NEP-2020 is an opportunity for teachers to contribute towards nation building through quality education and cutting-edge research. Hon'ble Education Minister gave the success mantra of '*Reform, Perform and Transform*' for implementing all imperatives of NEP-2020. The UGC Chairman Prof. D.P. Singh, while delivering the valedictory address in this Conference, stated that the CUPB has chosen a very appropriate topic for the 31-hour non-stop Akhand Conference, centred on the focal theme of 'Envisioning Education for Transforming Youth to Realize Global Peace' and the deliberations made by academicians in EDUCON-2020 would certainly help in effective implementation of NEP2020.

The University understands the value of time of our students and in accordance with the academic calendar schedule, CUPB organized its 6th Convocation on time via virtual mode where 535 students were conferred with Post Graduate Degrees and 20 research scholars with PhD. Degrees in the gracious presence of the Chief Guest Padma Vibhushan Dr. K. Kasturiranjana, Emeritus Professor, National Institute of Advanced Studies, Indian Institute of Science Campus, Bangalore, and the Chancellor Prof. S.S. Johl.

The major event that occurred during this period is the appointment of Prof. Jagbir Singh as the Second Chancellor of CUPB. Prof. Jagbir Singh has made an outstanding contribution in the area of Punjabi Language & Literature and on his first day of visit as the Chancellor of the University, he has inaugurated the Sikh History Section at the CUPB Library.

In addition to its regular academic schedule of online classes, CUPB conducted series of interactive activities in the form of National Workshops, Webinars, Invited Lectures etc wherein eminent experts from Academia and Industry deliberated to advance the understanding of students in their respective discipline. During the 12th Foundation Week Celebrations, eminent personalities such as Dr. Renu Swarup (Secretary, DBT), Padma Vibhushan Prof. M.M. Sharma (Former Director, Institute of Chemical Technology, Mumbai), Prof. Anil Sahasrabudhe (Chairman, AICTE), Prof. Shekhar C. Mande (DG, CSIR), and Padma Bhushan Prof. Vijay P. Bhatkar, enlightened youngsters with their inspiring lectures. CUPB provided ample opportunities for the overall development of students as the eight-day Foundation Day Celebrations comprises of cultural exchange programmes, Food Carnival, and the Annual Sports Meet emphasizing on promoting indigenous games, Ideathon, International Quiz etc.

CUPB has already conducted a series of Webinars to sensitize the faculty and students about the innovative reforms envisioned in NEP-2020. Further the institution has started working towards redesigning Curriculum as per Learning Outcomes and Graduate Attributes.

On the 12th Foundation Day, the Vice Chancellor Prof. Raghavendra P. Tiwari stated that CUPB is committed to implement all the imperatives of NEP-2020 like building innovation ecosystem, providing skill development training, and imparting learner centric holistic education to our students targeting to make them global citizens and future thought leaders which in accordance with the Vision and the Mission of the University.

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INTERNATIONAL CONFERENCE

January 7, 2021: Hon'ble Union Education Minister Shri Ramesh Pokhriyal 'Nishank' inaugurated a two-day Virtual International Akhand Conference 'EDUCON-2020'

The Hon'ble Union Education Minister Shri Ramesh Pokhriyal 'Nishank' inaugurated a two-day Virtual International Akhand Conference 'EDUCON 2020' through a video conferencing platform on January 7, 2021. The two day International Conference was organized by Central University of Punjab, Bathinda (CUPB) in collaboration with the Global Educational Research Association (GERA) under the patronage of Prof. (Dr.) Raghavendra P. Tiwari, Vice Chancellor, CUPB & Padma Shri Dr. Mahendra Sodha (Patron, GERA) on January 7—8, 2021. The focal theme of EDUCON-2020 was **'Envisioning Education for Transforming Youth to Restore Global Peace'**.



Hon'ble Union Education Minister Shri (Dr.) Ramesh Pokhriyal 'Nishank' inaugurating the Virtual International Akhand Conference – EDUCON2020

In this International Conference, the scholars from United Kingdom, Canada, Thailand, USA, Australia, Bhutan and India discussed the ten subthemes of the focal theme 'Envisioning Education for Transforming Youth to Realize Global Peace' for 31 hours. The conference was the first of its kind in India wherein scholars from across the world continuously had a non-stop marathon dialogue session for 31 hours exploring the possibilities of the use of ICT in the higher education to promote equitable quality education in India. Further, the conference also provided a platform for discussions on emerging trends in education viz., likely scenario of higher education and school education by 2050, developing disruptive technologies for STEAM (Science, Technology, Engineering, Arts and Mathematics) Education, training youth for strategic future jobs in Universities, skill training programme for future graduates and the relevance of the Ancient Indian Education System in the 21st century.

While addressing the participants, the Chief Guest Shri (Dr.) Ramesh Pokhriyal 'Nishank', Hon'ble Minister of Education, said that we need to train our students as well as the teachers for the successful implementation of the National Education Policy 2020. He emphasized that the NEP-2020 is revolutionary in all aspects, as it focuses on multiple aspects like promoting mother language at primary level education, imparting vocational skills training for students at the secondary level & other innovative reforms. He further stated that the NEP emphasizes on the interdisciplinary studies & integrated course curriculum in higher education for wider learning opportunities, with an aim to provide value-based holistic education, development of scientific temper and imparting skill training to youngsters of the nation. He further added that this policy also considers the need to design framework for extended use of technology in the teaching-learning process, development of online course contents, the introduction of Academic Bank of Credits and establishment of National Research Foundation (NRF) and National Educational Technology Forum (NETF), which would benefit the Indian scholars to compete at the global level. Hon'ble Education Minister gave the success mantra of *'Reform, Perform and Transform'* for implementing all imperatives of NEP-2020 essential for changing the society and transforming the life of youth for evolving global peace.



Inauguration of Booklet of Proceedings of Virtual International Akhand Conference

The Union Education Minister Shri (Dr.) Ramesh Pokhriyal 'Nishank' congratulated Prof. Raghavendra P Tiwari, Vice Chancellor, CUPB for choosing the appropriate and relevant theme for the conference. He stated that this two-day Akhand Conference will disseminate on the message to the researchers and students across the globe that the research is 24X7 exercises with strong perseverance and patience.



Union Education Minister Shri (Dr.) Ramesh Pokhriyal 'Nishank' delivering Inaugural Address during Virtual International Akhand Conference

He stated that this international conference would help the prospective teachers to become familiar with different technologies and their functioning to bring transforming change in the field of education. He expressed the hope that deliberations made during EDUCON2020 by internationally acclaimed speakers & young researchers would certainly prove to be significant in preparing a roadmap for effective implementation of all major imperatives of NEP-2020 and developing necessary skillset among youngsters to enable them to contribute towards building an Atma-Nirbhar Bharat and to work as a messenger of global peace.

Hon'ble Union Education Minister Shri (Dr.) Ramesh Pokhriyal 'Nishank' stated that 'Reform, Perform and Transform' is the success mantra for implementing all imperatives of NEP-2020.

In his opening remarks Prof. Raghavendra P. Tiwari, Vice-Chancellor, CUPB said that CUPB is committed to innovation driven quality higher education and cutting-edge research, and this Conference will provide a platform to researchers and educationists to share their views on drawing strategic-plan for implementing learner and learning centric NEP -2020, which is rooted in our Bhartiya Culture and Value System. He stated that this Conference would focus, from the global perspectives, on various paradigms of NEP-2020, intended to transform the 'learning system of our nation' to meet world standard by empowering the youth with the global competencies- thereby realizing the vision of the Hon'ble Prime Minister of India, Shri Narendra Modi and Minister of Education Shri (Dr.) Ramesh Pokhriyal Nishank. He added that the researchers and academicians associated with this Conference would visualize all scenarios to translate NEP-2020 into the ground realities. Prof. Tiwari shared his optimism that the deliberations of EDUCON2020 would decipher the connection between our past heritage and

future education system to re-establish Bharat as the Vishwa Gyan Guru.



Vice Chancellor Prof. R.P. Tiwari delivering welcome address during the inaugural session of EDUCON-2020

EDUCON-2020 would focus, from the global perspectives, on various paradigms of NEP-2020, intended to transform the 'learning system of our nation' to meet world standard by empowering the youth with the global competencies – Prof. R.P. Tiwari

Prof. S.K. Malhotra, President GERA India, and Prof. S.K. Bawa of CUPB said that during the two days of the conference, various plenary & technical sessions would be conducted on the theme and sub-themes of the conference by internationally acclaimed academicians and paper presentations by participants from different countries of the world.

On this occasion, Shri Kanwal Pal Singh Mundra, Registrar, CUPB expressed his gratitude to the Hon'ble Union Education Minister, Shri (Dr.) Ramesh Pokhriyal Nishank for giving his valuable time, guidance, and support for organizing 'Akhand Conference'. He also expressed his indebtedness towards the experts speakers i.e. Shri Chand Kiran Saluja (India), Prof. J.S. Rajput (Former Director, NCERT), Prof. Vasudha Kamat (Former Vice Chancellor, SNDT Women University, Mumbai), Prof. Rajnish Jain, (Secretary, UGC), Dr. Saamdu Chetri (Bhutan), Dr. S. Passi (India), Prof. Eugene (University of Calgary, Canada), Prof. C.B. Sharma (Former Chairman, NIOS India), Prof. Abhay Jere (Chief Innovation Officer, AICTE), Prof. Saroj Sharma (Chairperson NIOS, New Delhi), Prof. M A Siddiqui (Former Chairman, NCTE), Prof. J.S. Dhillon (University of Worcester, U.K.), Prof. Radhika Iyengar (Columbia University, U.S.A.), Prof. Raghu Echempati (Kettering University, Michigan) and Ms. Manvi Gandhi (University of Adelaide, Australia) for their meaningful contribution through academic participation in this conference.

January 8, 2021: UGC Chairman Prof. D.P. Singh and Eminent Educationists from India and Abroad deliberated on 'Envisioning Education for Transforming Youth to Realize Global Peace' in the 31 hours long non-stop marathon dialogue session

Central University of Punjab, Bathinda (CUPB) & Global Educational Research Association (GERA) successfully organized a two-day Virtual International Akhand Conference EDUCON-2020. On the last day, UGC Chairperson Prof. Dharendra Pal Singh delivered the valedictory address to this Akhand Conference held on January 8, 2021. During the Valedictory Ceremony Prof. Dharendra Pal Singh, Chairman, UGC, New Delhi graced the occasion as Chief Guest. Prof. HCS Rathore (Vice Chancellor, CUSB) & Prof. B.K. Tripathi (Director, IUCTE, BHU) joined the concluding session as the Guest of Honour and Special Guest, respectively.

This 31-hour long marathon International Conference was executed under the patronage of Prof. (Dr.) Raghavendra P. Tiwari (Vice Chancellor, CUPB) & Padma Shri Dr. Mahendra Sodha (Patron, GERA). In this International Conference, the acclaimed academicians & scholars from United Kingdom, Canada, Thailand, USA, Australia, Bhutan and India continuously discussed the ten subthemes of the focal theme 'Envisioning Education for Transforming Youth to Realize Global Peace' for around 31 hours.

The Valedictory Session started with the welcome address by Prof. R.K. Wusirika, Dean In-charge Academics. While presenting the Conference report, Prof. S.K. Bawa, Convener of the Conference, mentioned that during this two-day conference 124 scholars from across the world participated and presented research papers on 10 subthemes of this conference. She mentioned that out of the 31-hour long non-stop dialogue sessions held during this conference, the organizing team has outlined recommendations for effective implementations of NEP-2020 and the same will be shared further with higher authorities.

Chief Guest, Prof. Dharendra Pal Singh, Chairman, UGC, New Delhi, in his address stressed the need of adopting innovative approaches to make effective changes in the education system for the welfare of society. He highlighted that the current challenging situation of the Corona pandemic has prompted the educational institutions to think innovatively by adopting ICT in the teaching process & allowing students to stay connected with their teachers through the virtual platform for receiving guidance. He stated that civil unrest and erosion of trust in society has always been a threat to the attainment of global peace, economic development, and realization of Sustainable Development Goals (SDG). Prof. D.P. Singh stated that the focal theme of this International Conference is very much appropriate and relevant to be discussed at the international level as education coupled with innovation & values will prove to be an effective tool in



UGC Chairman Prof. D.P. Singh delivering Valedictory Address during the concluding session of EDUCON-2020

restoring global peace and in realizing our Sustainable Development Goals. He mentioned that iconic leaders of the world like Swami Vivekananda, Mahatma Gandhi, Mr. Nelson Mandela & others promoted the thought that Education is the most powerful weapon to change the world view for the betterment of humanity. He added that NEP- 2020 enlightens us to realize the vision of our great world leaders as it is based on the foundational pillars of access, equity, quality, affordability, and accountability. He said that the objective of NEP-2020 is to nurture global citizen who will contribute towards building a self-reliant India and restoring global peace and emphasized that its effective implementation will help in making India the powerhouse of knowledge once again.

The focal theme of this International Conference is very much appropriate and relevant to be discussed at the international level as education coupled with innovation & values will prove to be an effective tool in restoring global peace and in realizing our Sustainable Development Goals.

– Prof. D. P. Singh

Prof. H.C.S. Rathore mentioned that to restore peace, the world needs to resolve to invest only in sustainable development projects. Prof. B.K. Tripathi underlined the need to create a learner centric education system. He also congratulated the organizers for the successful execution of this two-day Akhand Conference.

During the concluding session, Prof. S.P. Malhotra, President GERA India, presented the Lifetime Achievement Award to Prof. Vasudha Kamat (Former Vice Chancellor, SNTD Women University, Mumbai). He also honoured young educationists, young researchers, and best paper presenters with special awards.



Vice Chancellor Prof. R.P. Tiwari addressing the participants during the concluding session of EDUCON-2020

Vice Chancellor Prof. Raghavendra P. Tiwari mentioned that this International Conference has proved beneficial for all as the topics of discussions are related to different paradigms of NEP-2020 and its implementations. Prof. Tiwari shared that the deliberations of this conference have led to better understanding of NEP-2020 for making learning system of the nation current and relevant. He shared that the recommendations of Virtual International Akhand Conference

will be forwarded to higher authorities for more effective implementations of NEP-2020.

The deliberations of this conference have helped to better understanding of NEP-2020 for making learning system of the nation current and relevant. The recommendations of Virtual International Akhand Conference EDUCON2020 will be forwarded to higher authorities for more effective implementations of NEP-2020 – Prof. R. P. Tiwari

Shri. Kanwal Pal Singh Mundra, Registrar, CUPB thanked the participants of this Virtual Akhand International Conference EDUCON2020 for their active and sincere participation. He expressed his gratitude towards the Invited Speakers and Academicians from India and Abroad for their meaningful contribution through academic participation in this conference.

UNIVERSITY CONVOCATION

January 5, 2021: Central University of Punjab organized its 6th Convocation

Central University of Punjab, Bathinda (CUPB) organized its 6th Convocation on January 5, 2021 at CUPB Ghudda Campus. Hon'ble Chancellor of the University, Padma Bhushan Prof. S.S. Johl, presided over the ceremony. The Chief Guest of this program was Padma Vibhushan Dr. K. Kasturiranjnan, Emeritus Professor, National Institute of Advanced Studies, Indian Institute of Science Campus, Bangalore.



Vice Chancellor Prof. R.P. Tiwari presenting memento to CUPB Chancellor Prof. S.S. Johl

Keeping in view of the pandemic (COVID-19) situation, the Convocation was held on virtual mode and students attended this program via an online platform. During this Convocation, a total of 555 P.G./Ph.D. degrees were conferred on virtual mode which includes 535 Post Graduate Degrees & 20 Ph.D Degrees. Gold Medals were awarded to 31 students for their outstanding academic performance at different disciplines. The degree recipients included four foreign national students of Afghanistan who got conferred with PG Degree by the Central University of Punjab. These International students did MBA in Agriculture, MA in Political Science, M.Tech in Computer Science & Technology and M.Sc Physics from this university.

Total 535 Post Graduate Degrees including four overseas students & 20 Ph.D. Degrees were conferred, and 31 Gold Medals were awarded in the 6th Convocation of CUPB

Prof Raghavendra P. Tiwari, CUPB Vice Chancellor, delivered the welcome address. During his address, Prof Tiwari presented the University's Progress Report where he highlighted the university's achievements and best practices.

He mentioned that CUPB is offering a wide range of instructional and research facilities across integrated & cross-disciplinary studies through its 42 Masters and 35 Ph.D. Programs. He added, the aim of University is to create new knowledge by uplifting the standards of teaching and research through innovation. He appreciated faculty & research scholars for their consistent efforts due to which this university has registered one of the best research output among the new central universities and got the best faculty to project ratio as compared to other established Universities in the region. He stated that our students are lucky to have received education in the sacred land, also known as 'Guru Kee Kashi', which treasures the ocean of knowledge created by the Ten Gurus for the welfare of humanity. He emphasized that the University is committed to implementing all imperatives of NEP-2020 and actualizing the mission of re-establishing India as Knowledge Capital of the World.



Chief Guest Prof. K. Kasturiranjnan addressing the participants

The chief guest Dr. K. Kasturiranjnan congratulated the degree recipients and winners of gold medals. He stated that CUPB has set a benchmark in the field of education & research. He added, under the guidance of Chancellor Prof S.S. Johl and the leadership of Vice Chancellor Prof R.P. Tiwari, the university will achieve new heights in years to come. He stated that the CUPB is providing multidisciplinary holistic education with a wide variety of programmes and its Vision & Mission as well as focus towards research is well synchronised with the vision of NEP-2020. He expressed his hope that Bathinda will soon become home to enlightened intellectuals as the University expands further. He encouraged youngsters to work on innovative ideas and choose the profession of their interest. He motivated scholars to pursue research for the betterment of society.

During his Presidential Address, honourable Chancellor Prof S.S. Johl congratulated outgoing students on completing their degrees. He mentioned that within the short duration of 11 years of its establishment, CUPB becomes the youngest central university to get ranked among the best Top 100 Universities of India in NIRF Rankings. He added that the university has huge potential, and as the University has now shifted to permanent campus it surely will improve its rankings. He mentioned that youngsters should adopt a learning attitude throughout their life. He asserted, teachers should keep in mind the unique responsibility they have towards society and they should inculcate moral values & develop scientific temperament among students.

During this program, Shri Kanwal Pal Singh Mundra, Registrar co-ordinated the stage for conferring the degrees to the recipients. Prof. Anjana Munshi, Dean Research, announced the Winners of Gold Medal Award.



Chancellor Prof. S.S. Johl addressing the participants

Towards the end, Prof V.K. Garg, Dean Student Welfare thanked everyone for making the programme a success.

APPOINTMENT OF NEW CHANCELLOR

February 15, 2021: Prof. (Dr.) Jagbir Singh appointed as the new Chancellor of Central University of Punjab



Prof. Jagbir Singh

Nath Kovind, Honourable President of India, in his capacity as Visitor of University has appointed Prof. Jagbir Singh as the second Chancellor of CUPB for a term of five years.

Vice Chancellor Prof. Raghavendra P. Tiwari asserted that Prof. Jagbir Singh has made remarkable contribution in the field of Punjabi Literature and Culture in his 50 years of teaching experience. He expressed that the vast experience of Prof. Jagbir Singh will prove to be a guiding force for the growth and development of the University, the solid foundation of which has already been laid down

Prof. (Dr.) Jagbir Singh, Former Professor and HoD, Department of Punjabi, University of Delhi, and an eminent scholar of Punjabi Literature, has been appointed as the second Chancellor of the Central University of Punjab, Bathinda. His Excellency, Shri Ram

by the previous Vice-Chancellors Prof. Jai Roop Singh and Prof. R.K. Kohli under the patronage the first Chancellor Prof. S.S. Johl.

Registrar Shri Kanwal Pal Singh Mundra informed that CUPB Administration received communication regarding the appointment of new Chancellor from the Ministry of Education on February 15, 2021 evening.

Prof. Jagbir Singh is specialized in medieval Punjabi Literature, Folklore and Literary Criticism. He has published 16 books and presented research papers in more than 100 National/International Conferences. He is Life Fellow of Punjabi University Patiala, Advisor to the Centre on Studies in Guru Granth Sahib at GNDU Amritsar and Member of Indian Institute of Advanced Studies, Shimla. He is also the Former Professor of Dept. of Religious and Civilizational Studies, Sri Guru Granth Sahib World University, Fatehgarh Sahib.

FAREWELL CEREMONY OF THE FIRST CHANCELLOR

February 18, 2021: CUPB honours the first Chancellor Prof. S.S. Johl for his commendable contribution to the society

Central University of Punjab, Bathinda (CUPB) organized a farewell programme to honour the legendary Chancellor Prof. Sardara Singh Johl on the successful completion of his tenure. An internationally acclaimed agriculture economist, policy advisor and Padma Bhushan Awardee Prof. Johl, the first Chancellor of CUPB, has played a vital role in the growth of the University. The programme was conducted under the leadership of the Vice Chancellor Prof. Raghavendra P. Tiwari. On this occasion, CUPB founder Vice Chancellor Prof. Jai Rup Singh and former Vice Chancellor Prof. R.K. Kohli were also extended the invitation by the University to share their experiences while working with Prof. S.S. Johl. The live streaming of this programme was attended by CUPB students, alumni, and their parents from across the country.



Vice Chancellor Prof. R.P. Tiwari & Registrar Sh. K.P.S. Mundra presenting memento to Hon'ble Chancellor Prof. S.S. Johl

Prof. Jai Rup Singh, the first Vice Chancellor, mentioned Prof. Johl is the brightest educationist of India who has immensely contributed to our society. He shared that Prof. Johl has guided various educational institutions and CUPB was fortunate to get him as its first Chancellor. Prof. R.K. Kohli, the former Vice Chancellor, while conveying his regards towards Prof. Johl has stated that under his visionary guidance the University has grown by leaps and bounds over the past years in the field of education & research. He added, Prof. Johl is an inspirational person and youngsters should learn from him simplicity, honesty, fearlessness, sincerity, and commitment to serve our society from him.

On this occasion, Prof. Raghavendra P. Tiwari, CUPB Vice Chancellor, mentioned that Padma Bhushan Prof. S.S. Johl

is a humble person who always inspires everyone to serve our society and nation. He further stated that Prof. Johl has made an outstanding contribution in the field of education, agriculture & economic development during his long & illustrious career of nearly seven decades. Prof. Tiwari stated that under the invincible leadership of Prof. Johl, our university has achieved key milestone such as 'A' Grade Accreditation from NAAC, 87th Rank in NIRF Ranking 2020, shifting to permanent campus etc. He expressed his gratitude towards Prof. Johl and previous Vice Chancellors for building a strong foundation and ensured that the university will make best efforts to provide equitable quality education to all to create global citizens.

Shri Kanwal Pal Singh Mundra, CUPB Registrar, in his thanksgiving message, put light on the important contribution of Prof. Johl towards our society. He shared that the acclaimed academician has handled various key positions at national and international level such as Chairman of Commission for Agriculture Costs and Prices, Member of Economic Advisory Council for four Prime Ministers of India etc and made important policy contributions at the state and national level. He conveyed high regards towards the eminent professor on behalf of CUPB Family.



Hon'ble Chancellor Prof. S.S. Johl delivering farewell address

In his farewell address, Prof. S.S. Johl mentioned that we should believe in almighty and always put the best efforts to serve the society throughout our life. He shared that one who wants to be happy should always cherish the success of others. He thanked CUPB administration, faculty & staff for offering co-operation & support in actualizing the 'Vision & Mission' of the University. He expressed the belief that under the guidance of the new Chancellor Prof. Jagbir Singh, CUPB will achieve new heights.

INAUGURATION OF SIKH HISTORY SECTION

February 22, 2021: Chancellor Prof. Jagbir Singh inaugurated 'Hind Di Chadar Sri Guru Tegh Bahadur Sikh History Section' at CUPB Library

Prof. Jagbir Singh, the new Chancellor of Central University of Punjab inaugurated 'Hind Di Chadar Sri Guru Tegh Bahadur - Sikh History Section' at the University Library during his first visit to CUPB Ghudda Campus. The idea of establishing the 'Sikh History Section' dedicated to 400th birth anniversary of Sri Guru Tegh Bahadur Ji is the brainchild of Vice Chancellor Prof. Raghavendra P. Tiwari. On this occasion, a special programme was organized to welcome the Second Chancellor of the University during which Prof. Jagbir Singh shared his vision, mission and philosophy with faculty & staff members of the university.



CUPB Chancellor Prof Jagbir Singh inaugurating Hind Di Chadar Sri Guru Tegh Bahadur Sikh History Section at University Library

At the beginning of the programme, Prof. Raghavendra P. Tiwari, Vice Chancellor, delivered welcome address. He mentioned that Prof. Jagbir Singh has immensely contributed towards Punjabi Literature & Culture during his long academic experience of more than 50 years. He added that under the visionary leadership of Prof. Jagbir Singh, CUPB will take various steps to actualize the vision of re-establishing India as the Vishwa Guru.

While addressing the faculty & staff members, Chancellor Prof. Jagbir Singh mentioned that various archaeological surveys have confirmed that the Indian Civilization is the oldest civilization of the world and advocated the establishment of 'Indic Studies Centre' for enhancing our understanding of our Ancient Knowledge Systems. He shared the view that the Indian Knowledge Traditions which is centred on 'Braham' had shaped our consciousness & taught us to live in harmony with nature. He referred to various verses of Guru Nanak Bani and Ancient Scriptures to state that both are interlinked with each other. Prof. Jagbir Singh emphasized that to understand the real message of Guru Nanak Bani we need to understand Bharatiya Darshan which has given us cosmological, anthropological, and sociological perspectives. He appreciated CUPB employees for doing commendable work in the field of education and encouraged them to become knowledge creators and innovators.

CUPB Registrar Sh. Kanwal Pal Singh Mundra expressed his gratitude towards CUPB Chancellor for sharing his words of wisdom with participants and thanked the Vice Chancellor for his motivation to establish Sikh History Section at the university. He shared that under the patronage of Prof. Raghavendra P. Tiwari, Vice Chancellor, our university has written a letter to UGC to establish a separate chair on Sri Guru Tegh Bahadur Ji.

12th FOUNDATION DAY CELEBRATION OF THE UNIVERSITY

February 28, 2021: Central University of Punjab celebrated its 12th Foundation Day with great enthusiasm

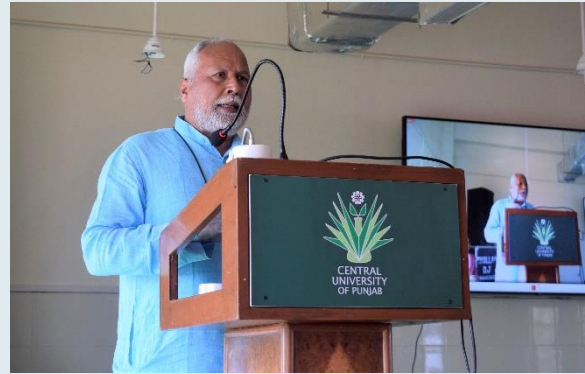
Central University of Punjab, Bathinda (CUPB) celebrated its 12th Foundation Day at its Ghudda Campus with great enthusiasm. The eight-day long celebrations organised to commemorate CUPB's 12 glorious years in teaching & research was concluded with a special programme on February 28, 2021. These celebrations conducted under the patronage of Vice Chancellor Prof. Raghavendra P. Tiwari was special as it included Cultural Activities, Sports Meet featuring Indigenous Games of Punjab (Gillidanda, Tug of War, Stapo, Gitte), Ideathon, Food Carnival, International Science Quiz, and Academic Events. The Chief Guest of CUPB Foundation Day Function was Padma Bhushan Prof. Vijay P. Bhatkar, Hon'ble Chancellor, Nalanda University. Mrs. Karuna Tiwari, the first lady of the university attended the programme as a special guest.

Eminent personalities such as Dr. Renu Swarup (Secretary, DBT), Padma Vibhushan Prof. M.M. Sharma (Former Director, Institute of Chemical Technology Mumbai), Prof Anil Sahasrabudhe (Chairman, AICTE) enlightened youngsters with expert lectures during this eight-day celebrations. In addition to this, Prof. Shekhar C. Mande (DG, CSIR) delivered inaugural lecture during International Science Quiz Competition which was conducted by Dr. Felix to mark National Science Day on February 28, 2021.



Padma Bhushan Prof Vijay P. Bhatkar delivering Foundation Day Lecture

During the Foundation Day Ceremonial Programme, Padma Bhushan Prof. Vijay P. Bhatkar complimented CUPB faculty, staff members and students for setting new standards in higher education sector in a short span of 12 years and making this university a youngest central university to be ranked among India's Top 100 Universities in NIRF-2020 Rankings. He encouraged researchers to focus on interdisciplinary research & find innovative solutions to social problems.



Prof. R.P. Tiwari addressing the participants

In his presidential address, Prof. Raghavendra P. Tiwari, the Vice-Chancellor, congratulated CUPB family on completing twelve remarkable years in the field of education & research. He mentioned that in the era of Industrial Revolution-4 we need to adopt Education-4 practices focusing on Innovation based teaching-learning which is the focus area of NEP-2020. He asserted that CUPB is committed to implement all imperatives of NEP-2020 for building innovation ecosystem, providing skill development training, and imparting learner centric holistic education to our students. He appreciated the students for enthusiastically participating in different activities of this Foundation Day Celebrations and showcasing the rich & varied cultural heritage of India.

During this ceremony, special awards & appreciation certificates were conferred to university students, research scholars, teaching faculty and staff members based on their annual performance. Dr. Khetan Shevkani held the title of Best Teacher Award. Dr. Aklank Jain (sciences) & Dr. Rubal Kanozia of the Dept. of Mass Communication and Media Studies (Humanities) received Outstanding Research Award. The research award was conferred to Dr. Shashank Kumar, Dr. Prafulla Kumar, Dr. Ashok Kumar, Prof. Raj Kumar, Dr. Sachin Kumar, Dr. Sandeep Singh, Dr. Yogalakshmi K.N., Dr. Krishna Kant Halder, Dr. Vinod Kumar, Prof. Anjana Munshi, Dr. Puneet Kumar, Dr. Rakesh Kumar and Prof. P. K. Mishra. The Roll of Honour Award has been conferred to Prof. Raj Kumar for his five commendation certificates. Ph.D. students Rathindranath Biswas, Atul Kumar Singh, Uttam Sharma and Nishant Kumar received awards in their respective category. Mr. Puneet, Ms. Prachi Srivastava & Mr. Parminder Singh received Registrar Award for the Best Non-Teaching Employees.

On this occasion the Vice Chancellor Prof. Tiwari released a book entitled 'Frontiers on Pharmacology in Neurotransmitters' edited by Dr. Puneet Bansal.

After the facilitation ceremony, CUPB students showcased magnificent singing and dance performances on folk songs.

Towards the end, Registrar Shri Kanwal Pal Singh Mundra thanked the Chief Guest, & other guests for their gracious presence.



Vice Chancellor releasing the Book Edited by Dr. Puneet Bansal



CUPB faculty and students performing Giddha Folk Dance



Group Photograph of Research Award Winners with the Vice Chancellor Prof. R.P. Tiwari

FACULTY ACHIEVEMENT

December 7, 2020: Punjab Government accorded CUPB faculty Prof. H.S. Pannu with 'Shiromani Punjabi Gyan Sahitkar Award'



Vice Chancellor Prof. R.P. Tiwari felicitating Prof. H.S. Pannu for his achievement

The Punjab Languages Department of the Government of Punjab has accorded Professor Harpal Singh Pannu, Chair

Professor, Shri Guru Gobind Singh Ji Chair at the Central University of Punjab, Bathinda with the 'Shiromani Punjabi Gyan Sahitkar Award'. With this prestigious award, Prof. H.S. Pannu will soon be awarded a Certificate of Honour and cash prize from the Punjab Government for his outstanding contribution in the field of Punjabi Literature.

On this occasion, CUPB Vice Chancellor Prof. Raghavendra P. Tiwari congratulated Prof. Harpal Singh Pannu for bringing laurels to university. He mentioned that Prof. H.S. Pannu is an acclaimed academician who has written more than 20 books to promote Punjabi Language, Literature & Culture, and this award is the recognition to his invaluable contribution.

MoAS SIGNED

February 15, 2021: Central University of Punjab would mentor Baba Farid Group of Institution under Academic Partnership

Baba Farid Group of Institutions, Bathinda (BFGI, Bathinda) signed a Memorandum of Academic Support (MoAS) with Central University of Punjab Bathinda (CUPB) to promote co-operation in the field of education, innovation, and research. The signing ceremony of MoAS took place at CUPB Ghudda Campus during which Prof. Raghavendra P. Tiwari, Vice Chancellor, CUPB and Dr. Gurmeet Singh Dhaliwal, Chairman, BFGI, Bathinda signed the partnership agreement in the presence of faculty and officials from both the sides. The objective of this partnership is to promote collaboration in joint research, project proposals, faculty/student exchange programmes, and to share educational resources.

While sharing the details of this MoAS, Dr. Gurmeet Singh Dhaliwal, Chairman, BFGI, Bathinda, mentioned that CUPB has established benchmarks in the field of education & research and this association will provide access to the best academic and research facilities available at CUPB to the students of BFGI. He stated that this alliance will also provide an opportunity for the faculty of both organizations to share their expertise and to work together on joint research projects.

Prof. Raghavendra P. Tiwari, Vice Chancellor, CUPB, shared that this MoAS, will also serve the purpose of 'Rashtriya Avishkar Abhiyan' of the Ministry of Education as under this agreement CUPB will provide necessary support to BFGI to organize various activities to inspire & motivate their young teachers & students towards research & innovation. He shared that CUPB is committed to actualize the vision of New Education Policy-2020 by promoting institutional collaboration to enhance skill development & entrepreneurship skills of youngsters and this association is another step in this direction. He expressed hope that this MoAS will serve as a platform to develop scientific temperament and problem-solving ability in the youngsters of Punjab.

On this occasion, Dr. Pardeep Kaura, Deputy Director Academics, BFGI, Dr. Harpal Singh, Deputy Director Facilities, BFGI, Dr. Manish Gupta (BFGI), Shri K.P.S. Mundra, Registrar, CUPB, Prof. R.K. Wusirika, Dean In-charge Academics, CUPB, Prof. Anjana Munshi, Dean Research, CUPB and Prof. S.K. Bawa, Director, IQAC, CUPB were present.



CUPB Vice Chancellor Prof. R.P. Tiwari & BFGI Chairman Dr. G.S. Dhaliwal exchanging MoAS in the presence of faculty & staff members

PROFICIENCY IN PUNJABI LANGUAGE COURSE LAUNCHED

December 10, 2020: Central University of Punjab introduced 'Proficiency in Punjabi Language Course' to promote Punjabi Language & Culture among employees from other states

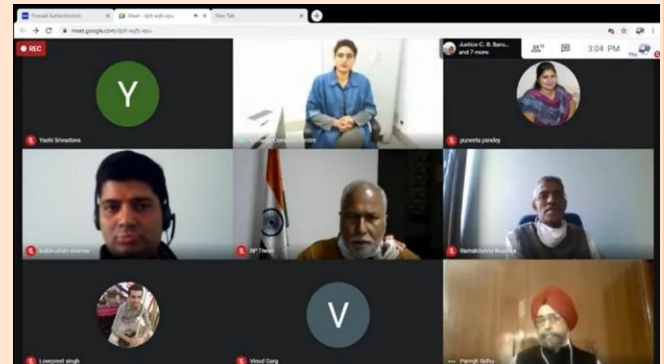
With the objective to promote Punjabi Language & Culture among employees from other states of India, the Department of Punjabi at Central University of Punjab, Bathinda (CUPB) introduced '**Proficiency in Punjabi Language Course**' for their faculty & staff members. The Inauguration Ceremony of this Course was held online during which Vice Chancellor Prof. Raghavendra P. Tiwari inaugurated the programme. Prof. Paramjit Singh Sidhu, Former Professor, Guru Nanak Dev University, Amritsar graced the occasion as a special guest. CUPB Faculty, staff & students attended this programme.

While inaugurating the programme the Vice Chancellor Prof. Raghavendra P. Tiwari stated that several studies have validated that language is not only the means of communication rather it is also the carrier of culture, so this course will provide an opportunity to know the cultural heritage of Punjab and access to the knowledge & preaching of Sikh Gurus written in great Punjabi Literature. He said that this course will help teachers and staff from other states to communicate with the people of Punjab in daily life, to make cultural exchanges and to teach Punjabi students in the Punjabi language.

Several studies have validated that language is not only the means of communication but also the carrier of culture, so this course will provide an opportunity to know the cultural heritage of Punjab and to access the knowledge & preaching of Sikh Gurus written in great Punjabi Literature.

– Prof. Raghavendra P. Tiwari

On this occasion the special guest Prof. Paramjit Singh Sidhu, Former Professor and Head, School of Punjabi Studies, Guru Nanak Dev University, Amritsar, while praising the efforts of the CUPB Punjabi Department shared important points about linguistic communication in the context of Eastern and Western knowledge systems. While introducing the listeners the pronunciation and phonetics management of Punjabi language necessary for learning Punjabi, he said that although all the languages have the common tones, but each language has its own uniqueness and learner needs to learn those unique tones and rules to acquire proficiency in that language.



Screenshot of the Programme

Prof. Zameerpal Kaur, Dean School of Languages, Literature & Culture, stated that CUPB is known as Mini India as it has students from more than 25 states, faculty from 18 states and staff members from 14 states of India. She informed that CUPB Punjabi Department is already running an Interdisciplinary Course on Punjabi Language for University Students who want to learn Punjabi, and now, 'Proficiency in Punjabi Language Course' is introduced for faculty & staff members to help them learn this beautiful language and enhance their linguistic exchange skills in Punjabi language.

Each language has its own uniqueness and learner needs to learn those unique tones and rules to acquire proficiency in that language.

– Prof. Paramjit Singh Sidhu

Prof. R.K. Wusirika, Dean In-charge Academics appreciated that so far 32 faculty/staff members have expressed their interest to participate in this course to learn Punjabi Language. He appealed other non-Punjabi speaking employees to register in this programme.

Shri Kanwal Pal Singh Mundra, the Registrar, congratulated the organising team for the successful execution of this programme and asserted that CUPB is committed to take necessary steps to promote Punjabi Language and the cultural heritage of Punjab.

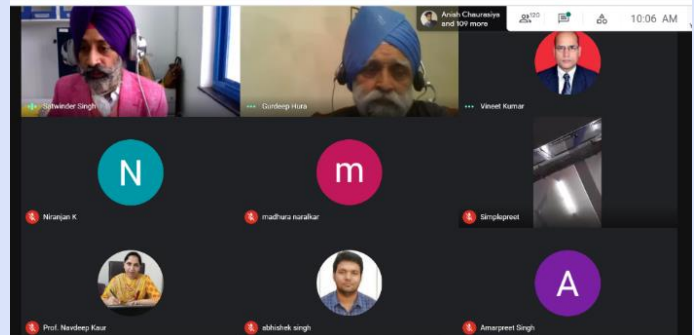
NATIONAL WORKSHOPS

December 14 – 18, 2020: Central University of Punjab organized one-week National Workshop on 'Data Sciences'

Central University of Punjab (CUPB) under the patronage of Vice Chancellor Prof. Raghavendra P. Tiwari commenced a one-week AICTE sponsored Faculty Development Programme (FDP) on “**Data Sciences**” from December 14, 2020 onward. The Department of Computer Science and Technology (CST Dept.), CUPB organized this FDP under AICTE Training and Learning (ATAL) Academy Programmes from December 14—18, 2020. The main objective of this workshop was the development of quality technical education in the country. The keynote speaker of the inaugural session was Dr. Gurdeep Singh Hura of the University of Maryland, Eastern Shore, U.S.A. More than 250 faculty, research scholars, students, and industry experts from 25 states of India have attended in this workshop.

The programme commenced with a welcome address by Prof. Amandeep Kaur, Dean, School of Engineering and Technology. While introducing the webinar topic, she mentioned that data sciences is a field that uses scientific methods, processes, algorithms, and systems to extract valuable knowledge & insights from structured & unstructured data. Prof. Vinod K. Garg, Dean Student Welfare emphasized that Data Sciences is an emerging field with great career prospects and the researchers in this field have a wider scope to develop innovative solutions for the society. He motivated participants to actively participate in this workshop and develop their technical expertise in this discipline.

Keynote Speaker Dr. Gurdeep Singh Hura in his lecture highlighted the advancements happening in the field of Big Data, Data Engineering, Data Science and Big Data Analytics. He shared the course curriculum content & skillset required in the discipline of Data Sciences and talked in detail about various Data Analytics Software Tools such as Apache Hadoop, Spark etc. Dr. Hura also discussed various research topics in the discipline of Data Sciences like Machine Learning, Artificial Intelligence, Statistics, Optimization, Computer Vision, Natural Language Processing etc and encouraged researchers to find out innovative solutions in these fields



Screenshot of the Programme

Shri Kanwal Pal Singh Mundra, the Registrar, expressed his gratitude towards Vice Chancellor Prof. R.P. Tiwari and Director of ATAL Academy Dr. R.K. Soni for providing necessary support to organise this workshop at CUPB and conveyed his best wishes to CST Dept. for its successful execution.

Applications of Big Data will prove to be helpful for Financial Services, Communication, Energy Management Systems, Travel & Hospitality, Health Care, Retail, and other industrial sectors to conduct customer analytics, compliance analytics, fraud analytics, and operational analytics - Prof. G.S. Hura

Dr. Satwinder Singh, HoD, Dept. of Computer Science & Technology and workshop convener, mentioned that this FDP Workshop is a part of '1000 Online FDP Workshop Series' initiated by AICTE ATAL Academy, which has been recognised in the Book of World Records. He informed that the participants of this workshop will be given hands-on training on predictive analytics with Machine Learning & Neural Networks, Technical Analysis for Short Term Forecasting, Sentiment Analysis on Social Media, Spreading the Models in Social Networks. He added, during this workshop, eminent personalities such Prof. Pramod Kumar Singh of Indian Institute of Information Technology & Management, Gwalior, Dr. Sudarshan Iyengar of Indian Institute of Technology, Ropar, Dr. Madhu of Indian Institute of Management, Amritsar, Dr. Pavitdeep Singh of Royal Bank of Scotland, Gurugram and Dr. Gaurav Kumar of Magma Research & Consultancy Services, Ambala delivered invited lectures on various topics of Data Sciences and interacted with participants.

February 3 – 16, 2021: Central University of Punjab organized two-week National Workshop on ‘Curriculum Design & Development’

The third online National Workshop on ‘**Curriculum Design and Development**’ was organized by the Centre for Curriculum Research, Policy, and Educational Development at the Central University of Punjab, Bathinda under Pandit Madan Mohan Malaviya National Mission on Teachers and Training (PMMMMNMTT) Scheme sponsored by the Ministry of Education. The workshop was scheduled from February 3–16, 2021. The Workshop conducted under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari was inaugurated by Prof. C.B. Sharma, Former Chairperson, NIOS. Total 116 applications were received from across the nation out of which 90 were selected as per the eligibility and to ensure the active participation and engagement of all of them. Out of 90 participants, 55 completed the workshop. The participants were from 22 states.



Vice Chancellor Prof. R.P. Tiwari with CUPB Faculty attending the Inaugural Ceremony of Workshop

While delivering Inaugural address Prof. C.B. Sharma stated that the New Education Policy-2020 emphasized on the need to develop Bharat-centric curriculum based on our traditional Indian Knowledge System which promotes the feeling of *Vishwa Bandhutva* and *Vasudhaiva Kutumbakam*. He added that Union Budget 2021 will further strengthen the implementation process of various reforms of NEP-2020 including formulation of National Curriculum Framework aiming to increase the quality of teachers and teaching methods.

Union Budget 2021 will further strengthen the implementation process of various reforms of NEP-2020 – Prof. C.B. Sharma

The Vice Chancellor Prof. Raghavendra P. Tiwari stated that our traditional knowledge systems have given us the concepts of life-long learning and Samagra Vyaktitva Vikas for a person for which family, society and educational institutions play a vital role. He emphasized that Curriculum Framework should focus on creating the harmonized society and developing responsible citizens who will contribute to the nation’s development. He added that during this workshop participants will learn to design important components of Curriculum Development including graduate attributes, syllabus, pedagogy, and evaluation tools to achieve well-defined Learning Outcomes.

Curriculum Framework should focus on creating the harmonized society and developing responsible citizens who will contribute towards Nation’s Development – Prof. R.P. Tiwari

While presenting the programme report, Prof. S.K. Bawa mentioned that this workshop featured 23 sessions during which 15 experts from across the nation deliberated on different topics of Curriculum Design and Development. She informed that the average score of learning outcome was 68.4.

The invited speakers of this Workshop were Prof. B.S. Bhatia, Prof. Saroj Pandey, Prof. R.P. Vadhera, Prof. Ananda Padhan, Prof. Adarsh Pal Vig, Prof. S.K. Bawa, Dr. Sanjay Sharma, Prof. Sanjay Sonawane, Prof. Tarun Arora, Dr. Sesadeba Pany, Prof. P.K. Sahoo, Dr. Jubilee, Prof. B.S. Bhatia, Prof. Anjali Bajpai, Prof. Vandana Punia, and Dr. Seema Dhawan. Dean Incharge Academics Prof. R.K. Wusirika appreciated the participants for their sincere participation in all the sessions of this workshop.

SPECIAL EVENTS

January 12, 2021: Central University of Punjab organized Webinar on 'Life and Teaching of Swami Vivekananda' on National Youth Day

To commemorate the 158th birth anniversary of Swami Vivekananda, Central University of Punjab, Bathinda (CUPB) organized a webinar on '**Life & Teachings of Swami Vivekananda**'. The program was conducted under the patronage of Vice Chancellor Prof. Raghavendra P. Tiwari on the occasion of National Youth Day. The keynote speaker of this program was Shri Chander Shekhar Talwar, Retd. I.A.S, State Secretary, Indian Red Cross Society.



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

At the start of the programme, Dr. Vipin Pal Singh delivered the Welcome Address and introduced the theme of the programme. He mentioned that National Youth Day is being observed every year on 12th January to remember the teachings of Swami Vivekananda. Subsequently, Dr. Rubal Kanozia introduced the keynote speaker to the participants.

The Keynote Speaker Shri Chandra Shekhar Talwar mentioned that Swami Vivekananda was a great Indian Saint who represented the Indian Culture at the world level and who gave the message of spiritual union and creation of new consciousness among the youth. He stated that Swami Vivekananda's speech at the World Interfaith Conference held at Chicago in 1893 on the religious acceptance & tolerance was so impactful that the great philosophers, scientists, and thinkers applauded him for his knowledge and considered him their inspiration.

He added that Swami Vivekananda was a scientific, rational, and spiritual person by nature who awakened patriotism and enthusiasm among people through his spiritual discourse. He said that Swami Vivekananda showed youngsters the path of self-control, practice, and concentration of mind for learning new things and developing their personality. Shri Talwar asserted that Great Indian Leaders such as Dr. B.R. Ambedkar, Pandit Jawahar Lal Nehru and others considered Swami Vivekananda as the real icon of youngsters, who gave the message of strength, fearlessness, faith, self-confidence, compassion and tolerance to youngsters and encouraged them to contribute towards nation building.

Swami Vivekananda was a scientific, rational, and spiritual person by nature who awakened patriotism and enthusiasm among people through his spiritual discourse— Shri Chander Shekhar Talwar

Vice Chancellor Prof. Raghavendra P. Tiwari, in his presidential address, made an appeal to youngsters to follow the teachings of Swami Vivekananda. He emphasized that Swami Vivekananda considered holistic education as essential for building the character of youth, which is the main objective of NEP-2020 to build such intellectual global citizens who could contribute towards realising the mission of Self-reliant India.

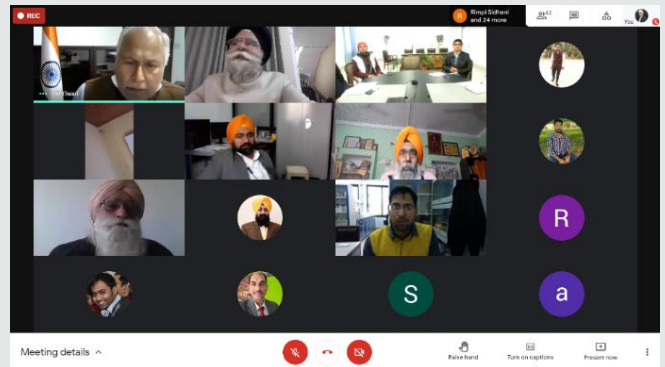
Towards the end, Shri Kanwal Pal Singh Mundra, the Registrar, delivered the formal vote of thanks. The Programme was attended by faculty, staff, and students of the university.

January 20, 2021: Central University of Punjab organized National Webinar on 'Preaching of Sri Guru Gobind Singh Ji : National Consciousness'

To celebrate the Prakash Purab of Sri Guru Gobind Singh Ji, the Central University of Punjab, Bathinda (CUPB) organised a National Webinar on '**Sri Guru Gobind Singh Ji di Bani: Rashtriya Chetna**'. The Department of Punjabi conducted this programme under the patronage of Vice Chancellor Prof. Raghavendra P. Tiwari. The keynote speaker of this programme was S. Gurcharan Singh Gill, Additional Advocate General (Retd.), Govt. of Rajasthan.

The programme commenced with the welcome address by Prof. Zameerpal Kaur, Dean, School of Languages, Literature & Culture and Head, Dept. of Punjabi who mentioned that the Tenth Guru Sri Guru Gobind Singh Ji founded Khalsa Panth in 1699 to restore justice, equality, and peace for mankind. Dr. Lakhvir Kaur Lezia introduced the programme theme and Dr. Ramanpreet Kaur introduced the keynote speaker to the participants.

The Keynote Speaker S. Gurcharan Singh Gill mentioned that in the short lifespan of just 42 years, Sri Guru Gobind Singh Ji gave an immense contribution to our human civilization by promoting the message of becoming a warrior as well as the saint, being truthful, compassionate, content, humble, and living ethically. He opined that Sri Guru Gobind Singh Ji's writings such as Dasam Granth, Chandi Di Vaar, Zafarnama and others guided everyone to worship the creator i.e. God and not the creations. His *Panj Piyare* came from all parts of India. He highlighted that the Tenth Guru completed the sacred Sikh Scripture 'Sri Guru Granth Sahib' and declared it as eternal Gurus of Sikhs. He stated that Guru Sahib sacrificed his children and fought many battles against the Mughal Empire and Kings of Shivalik Hills (including the famous battle of Chamkaur) to raise the consciousness of exploited Indians to fight back against Mughals. He even stated that Guru Sahib's inspirational verses of Chandi Charitar "Deh Siva bar mohe eh-hey subh karman tekabhu na daro" were being used to motivate Indian Soldiers in the battlefield as well.



Screenshot of the Webinar

On this occasion, Vice Chancellor, Prof. Raghavendra P. Tiwari mentioned that Sri Guru Gobind Singh Ji was a poet, warrior, philosopher, leader, and a genius par excellence. His life and philosophy gave a message to consider the entire human race as one and treat everyone with equality. He appealed everyone to follow the teachings of Sri Guru Granth Sahib Ji and asserted that our university is committed to organize such webinars and programmes to promote the preaching of Sikh Gurus for the welfare of society.

Sri Guru Gobind Singh Ji gave a message to consider the entire human race as one and treat everyone with equality.

– Prof. Raghavendra P. Tiwari

Towards the end, Dr. Amandeep Singh delivered the formal vote of thanks. Faculty, staff and students of the University attended this programme online.

January 26, 2021: Central University of Punjab celebrated 72nd Republic Day

Central University of Punjab celebrated 72nd Republic Day of India on January 26, 2021 with great zeal and enthusiasm. On this occasion, Honourable Vice Chancellor Prof. Raghavendra P. Tiwari hoisted the National Flag of India & University Flag at CUPB Ghudda Campus. This was accompanied by the singing of National Anthem and University Anthem. After the Flag Hoisting Ceremony, and Inspection of Parade, the Vice-Chancellor communicated Republic Day Greetings to everyone.



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

While addressing the participants, Vice Chancellor Prof. Tiwari highlighted that GOI focus on social need-based research has played an important role in the creation of two

Made in India Vaccine that has proved effective in fighting against COVID-19 pandemic. He added, we feel proud that India has exported this Vaccine to other countries to promote the message of Vishwa Bandhutv (Universal Brotherhood) and Vasudhaiva Kutumbakam (World is One Family). He asserted that the whole world would achieve 2030 Agenda for Sustainable Development only when we live our life in harmony with nature and our education & research institutes focus on conducting research towards adopting sustainable development lifestyle.



Glimpse of Inspection of Parade on Republic Day Celebration

He mentioned that National Education Policy 2020 (NEP-2020) focuses on creating the student-centric education system, providing wider opportunities for learning, promoting interdisciplinary and multidisciplinary studies, and offering value-based holistic education to develop Global Citizens who will contribute towards building Self-Reliant India. He stated that Central University of Punjab is committed to implement all imperatives of NEP-2020 to impart holistic education, create research-based new knowledge, and promote the teachings of Gurus and social reformers from the state of Punjab. Prof. Tiwari exhorted everyone to strengthen Indian democracy by staying united and respecting each other. He urged youngsters to act as a responsible citizen and avoid committing seven social sins described by Mahatma Gandhi Ji.

January 29, 2021: Central University of Punjab organized National Webinar on 'Sri Guru Gobind Singh Ji: Life & Vision'

Central University of Punjab conducted Webinar on 'Sri Guru Gobind Singh Ji: Life & Vision'. Sri Guru Gobind Singh Ji Chair established at CUPB conducted this Webinar under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari. The invited speakers of this programme were Dr. Harbhajan Singh (Retd., Director, Dr. Balbir Singh Sahitya Kendra, Dehradun) and Dr. Kulwinder Singh (Assistant Professor, Dr. Balbir Singh Sahitya Kendra, Dehradun).

At the start, Prof. Harpal Singh Pannu, Professor, Sri Guru Gobind Singh Chair, welcomed the participants & introduced the theme of the programme. He introduced the invited speakers to the participants.

While discussing the uniqueness of Guru Granth Sahib and Dasam Granth, Dr. Harbhajan Singh said that the two Granths are neither identical nor different from each other. Both these Granths have different literary styles and their forms are also different. He stated that the Guru Granth Sahib symbolises metaphysics and the Dasam Granth represents temporal mysteries. He added, understanding both these Granths requires two perspectives. Dr. Kulwinder Singh talked about the last days of Guru Gobind Singh at Nanded.

Towards the end, Prof. Tarun Arora delivered formal vote of thanks. Dr. Vikas Rathee coordinated the event.

February 4, 2021: Central University of Punjab celebrated World Cancer Day by organizing Expert Lecture and Nukkad Natak

Central University of Punjab, Bathinda (CUPB) celebrated World Cancer Day by organizing an Expert Lecture and a Nukkad Natak. To mark this occasion, University's NSS Cell under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari hosted an Invited Talk on 'Cancer: A Global Challenge'. The Keynote Speaker of this session was Padma Shri Dr. Lalit Kumar, Professor, Medical Oncology AIIMS, New Delhi. Faculty & students of the University attended this lecture through online platform. In addition to this, a Nukkad Natak was organized at University Campus to spread awareness about this disease.

The programme commenced with the Welcome Address by NSS Coordinator Prof. Monisha Dhiman who informed that this year's theme for World Cancer Day is 'I Am, and I Will'. After this, Dr. Sabyasachi Senapati introduced the guest speaker.

While addressing the participants, Padma Shri Dr. Lalit Kumar mentioned that cancer is a non-communicable disease that has been turning out to be a global challenge due to constant increase of cancer patients every year. He informed that in the last 20 years, the major Cancer Registries of India has registered an increase in cancer cases related to the Colon, Lung, Rectum, Breast, Ovary, Prostrate etc. and stressed that in maximum cases successful treatment could be possible only on the timely

detection of this disease. He stated that major causes of cancer include smoking & tobacco consumption, unhealthy diet & sedentary lifestyle and exposure to radiations, virus & infections. He recommended fibre-rich healthy diet & regular exercise to stay fit and reduce cancer risk. During his lecture, Dr. Lalit also discussed various treatments and medicines which have proved effective in cancer treatment.



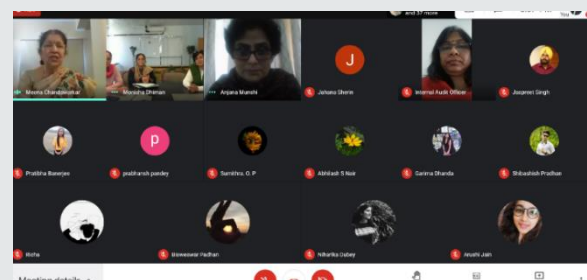
CUPB students performing Nukkad Natak on World Cancer Day

Dean Incharge Academics Prof. R.K. Wusirika appealed to scientists & researchers to work on collaborative research projects to find cost-effective better treatment methodologies to fight against cancer and to reduce its global impact. Post lecture, NSS Volunteers performed a Nukkad Natak at the University Campus which was appreciated by all. Towards the end, Dr. Preeti Khetarpal delivered the formal vote of thanks.

February 9, 2021: Central University of Punjab organized Webinar on 'Gender Equality: Can it be a Reality?'

Central University of Punjab, Bathinda (CUPB) under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organized a Webinar on '**Gender Equality – Can it be a Reality?**' The keynote speaker of this programme was Dr. Meena Chandawarkar, Chief Advisor – Quality Assurance, Basaveshwar Veerashaiva Vidya Vardhak Sangha (B.V.V.Sangha), Bagalkot and Former Vice Chancellor, Karnataka State Women's University, Vijayapura.

The programme commenced with the Welcome Address by Prof. Anjana Munshi, Dean Research who mentioned that despite many efforts, we need to work a lot towards improving the situation of Gender Equality in our society because as per the Global Gender Gap Report published by the World Economic Forum in the year 2020, India got 112th position out of 153 countries participated.



Screenshot of the Webinar

While addressing the participants, the Keynote Speaker Dr. Meena Chandawarkar mentioned that even though our ancient values have given us the ideology of Vasudeva Kutumbakam & our holy books guided us to worship the Goddesses & respect women, still women are not treated with dignity in many parts of our country.

She pointed out that illiteracy, poverty, patriarchal gender norms & the socio-economic dependency of women are the major reasons behind gender discrimination & violence against women. She threw light on various Constitutional Provisions, Legislative Acts and Government Schemes which are created to enhance the state of Gender Equality. She added that the innovative reforms introduced in 'National Education Policy-2020' will make quality education accessible to women, transgender and the marginalized sections of our society and empower them to develop the necessary skills to actualize the vision of

'Atma Nirbhar Bharat'. She appealed that women need to stand for their rights, raise their voice against all forms of violence and work towards their socio-economic independence to improve their situation in society.

Prof. Monisha Dhiman expressed her gratitude towards the keynote speaker for sharing valuable information with the participants. She thanked everyone for making this programme a success.

February 11, 2021: CUPB, Niti Aayog & BSM jointly organized Webinar on 'Teacher's Role in NEP-2020 Implementation'

Central University of Punjab, Bathinda (CUPB) in collaboration with Niti Aayog & Bharatiya Shikshan Mandal (BSM) organized a Webinar on '**Teacher's Role in NEP-2020 Implementation**'. The programme was presided over by Vice Chancellor Prof. Raghavendra P. Tiwari. The Keynote Speaker & Chief Guest of this Webinar were Shri Mukul Kanitkar, National Organizing Secretary, BSM and Prof. Kapil Kapoor, Chairperson, IAS, Shimla respectively. Faculty members of various institutions virtually attended this programme.

System has led the Indian government to formulate the National Policy on Education in the year 1968, 1986 and 2020. He stated that NEP-2020 is the first Education Policy of Independent India which has introduced comprehensive reforms aiming towards Indianisation of Education to actualize the vision of Atma Nirbhar Bharat. He asserted that NEP-2020 considers the need to provide value-based holistic education in the mother tongue, offer vocational training for skill development, enable experiential & experiment-based learning to develop scientific temperament and encourage multidisciplinary & interdisciplinary studies to promote innovative research for the overall development of students. He emphasized that teachers are the base of NEP implementation and they will play an important role in making India 'Vishwa Guru'. He informed that BSM & Niti Aayog is organizing 1000 webinar series under the four-point strategy of Orientation, Awareness, Challenge, and Response to motivate teachers at school and HEIs of India for the effective implementation of NEP-2020.



Vice Chancellor Prof. R.P. Tiwari attending the lectures of Shri Mukul Kanitkar, Prof. Kapil Kapoor

In his keynote address Shri Mukul Kanitkar, National Organizing Secretary, BSM, mentioned that even after independence we were dependent on the education policy provided by British East India Company in 1835 but the dream to re-create our own Indigenous Education

While addressing the participants Prof. Kapil Kapoor, Chairperson, IAS, mentioned that Indian Civilization is one of the oldest knowledge-centred civilization of the world which has produced the world's first literature on Arithmetic, Sociology, Astronomy, Etymology, Grammar, and many other subjects. He added, the compulsion of English Language Curriculum with English Education Act, 1835 has not only decreased the value of our knowledge we held in Indian Languages but also increased illiteracy & poverty in our country. For the effective implementation of NEP-2020, he encouraged teachers to develop course contents in Indian Languages, provide

examples from our own cultural context and adopt innovative teaching pedagogies.

CUPB Vice Chancellor Prof. Raghavendra P. Tiwari in his presidential remarks mentioned that NEP-2020 has provided us a roadmap to build a 'student-centric education system'. He emphasized on the importance of close contact between teachers and

students for effective teaching-learning process. He encouraged teachers to develop Learning Outcome-based Curriculum Framework, choose relevant course contents, pedagogy and formulate appropriate measurable tools for evaluation with the aim to develop global citizens who have their roots in our culture and traditional value systems and knowledge base.

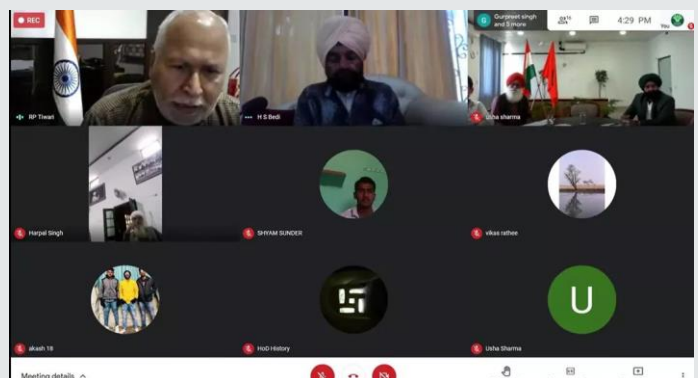
February 16, 2021: Central University of Punjab organized Webinar on 'Life and Teachings of Satguru Ram Singh Ji'

To celebrate the Prakash Purab of Satguru Ram Singh, the founder of Namdhari Movement, Central University of Punjab, Bathinda (CUPB) organized a Webinar on '**Life & Teachings of Satguru Ram Singh Ji**'. Baba Satguru Ram Singh Chair and Dept. of History at CUPB conducted this programme under the patronage of Vice Chancellor Prof. Raghavendra P. Tiwari. The keynote speaker of this programme was an acclaimed academician Prof. Harmohinder Singh Bedi, Chancellor, Central University of Himachal Pradesh.

At the beginning of the programme, Prof. Kuldip Singh, Chair Professor, Satguru Ram Singh Chair delivered the welcome address. He introduced the keynote speaker to the participants.

While addressing the participants, Prof. Harmohinder Singh Bedi said that the Kuka Movement started by Satguru Ram Singh made a significant contribution towards the freedom struggle of the country. He emphasized that Satguru Ram Singh Ji was the first founder of the non-cooperation movement which was launched by Mahatma Gandhi against British Rule in 1920, which is rarely mentioned in the history. He stated that various nationalist scholars such as Kaka Kalelkar, Maithili Sharan Gupta and other acclaimed writers have written about the impact of this movement.

He added, the influence of this movement is also found in Bengali and Marathi literature as well. He asserted that Satguru Ram Singh Ji was a social reformer who raised his voice against various social evils prevailing in our society and made special efforts to uplift the standard of women in society.



Screenshot of the Webinar

CUPB Vice Chancellor Prof. Raghavendra Prasad Tiwari in his presidential address emphasized that the life ideals and teachings of such great persons should be passed on to future generations so that they could continue to be guided.

In the end, Prof. Harpal Singh Pannu, Chair Professor, Sri Guru Gobind Singh Ji Chair, delivered the formal vote of thanks. Namdhari Sangat, faculty & students participated in this webinar.

February 18, 2021: Central University of Punjab NSS Cell organized guest lecture on 'Road Safety Issue'



Group Photograph of the Programme Organizers with S. Hakam Singh

The NSS Cell of the Central University of Punjab, Bathinda (CUPB) under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organised an online guest lecture on 'Road Safety Issues'. The keynote speaker of this programme was S. Hakam Singh, ASI, Traffic Education Cell, Bathinda.

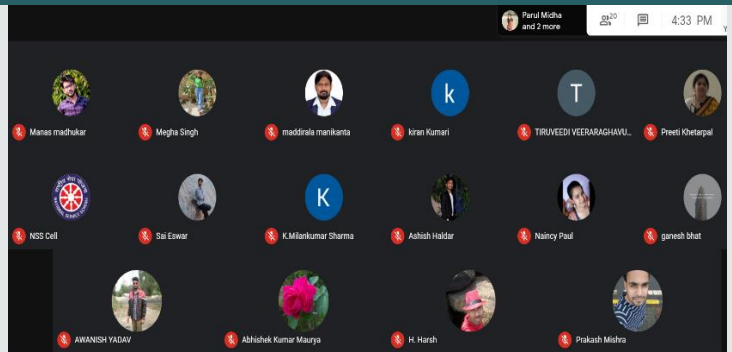
During this programme, S. Hakam Singh discussed driving rules and important things to be considered to ensure Road Safety for all.

The programme was attended by students through online mode.

December 1, 2020: Central University of Punjab NSS Cell organized Slogan speaking and Slogan Writing Competition

On World AIDS Day, the CUPB NSS Cell under the guidance of Vice Chancellor Prof. Raghavendra P. Tiwari organised 'Slogan Writing /Slogan Speaking Competition'. Around 50 students submitted their entries in the form of posters and Video Presentations. The prize distribution ceremony of this competition was held online on 1st December 2020. Ms. Aathira Gnair, Ms. Sanjana, and Ms. Soni Dhaulakhandi won the first, second and third prize respectively in the Poster Making Competition.

In Slogan Speaking Competition the first and second prize was bagged by Ms. Ayushi Pareek and Mr. Ashu Devraj respectively. The third position of Slogan Speaking Competition was jointly shared by Ms. Megha Singh and Mr. Abhishek Kumar.



Screenshot of the programme

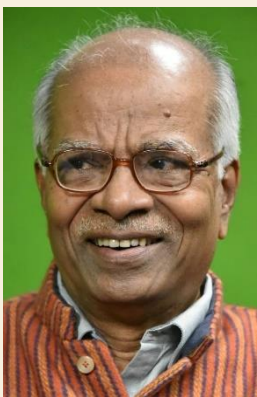
Prof. Monisha Dhiman, NSS Programme Coordinator, congratulated the winners and appreciated the participants for showcasing their talent and creativity.

IQAC & IIC Programmes

December 9, 2020: Central University of Punjab organized Webinar on 'Role of Dr. B.R. Ambedkar in making Constitution of India'

To pay homage to Bharat Ratna Baba Saheb Dr. B.R. Ambedkar on his 64th Mahaparinirvan Diwas, the IQAC of the Central University of Punjab, Bathinda (CUPB) organized a Webinar on “**Dr. B.R. Ambedkar’s role in making Constitution of India**” on Tuesday under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari. The keynote speaker of this programme was a renowned social thinker Shri Ramesh Patenge.

The programme commenced with the Welcome Address by Prof. S.K. Bawa, Director IQAC.



Shri Ramesh Patenge

In his keynote address, Shri Ramesh Patenge mentioned that Babasaheb Dr. Ambedkar was a person who not only understood the necessity of a strong democratic system in India but also played an effective and decisive role in preparing the Constitution of India. He further stated that as a Chairman of Constitution Drafting Committee Dr. Ambedkar presented the Draft Constitution suitable to the socio-economic and political system of India after analysing the Constitution of different countries, and because of this the first Prime Minister of India Pandit Jawaharlal Nehru considered Dr. Ambedkar as the 'Chief Architect of Indian Constitution'.

Shri Patenge asserted that while formulating the dynamic constitutional document of India, Dr. Ambedkar introduced the concept of a federal system with the strong central government, single citizenship, independent judiciary, equality of opportunity, fundamental rights & duties, directive principles of state policy, economic & social justice, sovereignty etc. to ensure unity and integrity of India. He highlighted that Dr. Ambedkar, who fought throughout his life for the Rights of Dalit & Marginalized Community, introduced the concept of 'Reservation for Deprived Castes' and provided constitutional guarantees & protections to Indian Citizens to abolish untouchability and all forms of discrimination from our society while formulating the constitution of India.

Dr..B.R. Ambedkar introduced the concept of federal system with strong Central Government – Shri Ramesh Patenge

Vice Chancellor Prof. Raghavendra P. Tiwari appealed to youngsters to take inspiration from the ideology of Babasaheb Ambedkar and ensure equal treatment to all, obey our fundamental duties and act as a responsible citizen of the democratic republic.

Towards the end, Prof. Tarun Arora, Dean, School of Legal Studies delivered the formal vote of thanks.

December 12, 2020: Central University of Punjab organized Webinar on 'Taking CUPB from Central University to Global University'

The Institution’s Innovation Council (IIC) of the Central University of Punjab, Bathinda (CUPB) organized a Webinar on “**Taking CUPB from Central to Global University**” under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari. The keynote speaker of this programme was Padma Shri Dr. Prahlada Ramarao, Pro-Chancellor & Director, Centre for Energy Research, S-Vyasa Yoga University, Bengaluru, Karnataka.

The programme commenced with the welcome address by Prof. S.K. Bawa, Advisor, CUPB IIC, who introduced the webinar topic.

While introducing the keynote speaker, Prof. R.K. Wusirika, Dean In-charge Academics, mentioned that Padma Shri Dr. Prahlada is an Indian Missile Scientist who is known for his contributions to Indian Space Programme

Keynote Speaker Dr. Prahlada Ramarao mentioned that the World-Class Universities produce future leaders, entrepreneurs & change agents for social transformation & development. He highlighted that any university which is equipped with state-of-the-art high-tech infrastructure, talented faculty and high-quality global curriculum can achieve their goal to become a

'Global University' by connecting to the global ecosystem, attracting international students, promoting research & innovation, developing scientific temperament, and providing necessary skill training required to produce a global citizen. He talked about the importance of creating a 'dynamic teaching-learning environment' by practising innovative teaching pedagogies so that students and teachers can learn by inspiring and interacting with each other. He stressed on the need to provide active learning opportunities to students in the form of academic, extra-curricular and off-campus activities, so that they can explore, experiment, succeed, compete, and improve fearlessly. Discussing the strategies to become a global university, Dr. Prahlada Ramarao emphasized that young Central Universities should focus on promoting research by establishing research centre & centre of excellence, formulating international advisory boards, and collaborating with industrial & science institutes. He said that universities should encourage their faculty and research scholars to work on multi-disciplinary / interdisciplinary / collaborative research projects to develop innovative solutions to the problems of the society and the world.



CUPB Vice Chancellor & faculty members attending the Webinar

Vice Chancellor Prof. Raghavendra P. Tiwari complimented the keynote speaker for inspiring faculty & staff members to transform CUPB into a global university. He added that the ideas shared by Dr. Prahlada Ramarao are very much synchronised with NEP-2020 and CUPB is committed to taking necessary steps for their implementation. Towards the end, Prof. Monisha Dhiman delivered the formal vote of thanks.

December 17, 2020: Central University of Punjab organized Webinar on 'NAAC Accreditation and Assessment'

Central University of Punjab, Bathinda (CUPB) under the guidance of the Vice Chancellor Prof. Raghavendra P. Tiwari organized a Webinar on '**NAAC Accreditation and Assessment**'. The IQAC Cell of CUPB led by Prof. S.K. Bawa conducted this programme. The keynote Speaker of this Webinar was Prof. Ganesh Hegde, Advisor, NAAC.

During his address, Prof. Hedge deliberated on the different parameters of NAAC Accreditation and Assessment. After the lecture, participants discussed their queries with the expert speaker and got appropriate solution.

Organizers expressed their gratitude towards the speaker for sharing valuable information.



Screenshot of the Webinar

The programme was attended by administrators, faculty, and staff member of the university.

December 29, 2020: Central University of Punjab organized National Webinar on 'Recent Trends of Patenting in India'

Central University of Punjab, Bathinda (CUPB) organized a National Webinar on “**Recent Trends of Patenting in India**”. CUPB Department of Economics in collaboration with Institution’s Innovation Council (IIC) conducted this program under the patronage of Vice Chancellor Prof. Raghavendra P. Tiwari. The keynote speaker of this programme was Prof. Sunil Mani, Director, Centre for Development Studies, Kerala.



Prof. Sunil Mani

While addressing the participants, the Keynote Speaker Prof. Sunil Mani discussed in detail the trends and developments of patenting in India. He explained that patents provide protection to invention from commercial competition for a limited period. While sharing the history of patents in India, he informed that patents in India are governed under Indian Patents Act (1970), which came into force in 1972. While presenting the figures of patent applications filed from 2012—17, Prof. Sunil Mani

observed that during these years the filing of patent applications has remained the same with just 4 % increase. He expressed his concern that most of the patents in India are made by IITs, Multi-National Companies and the Indian Pharmaceutical Industry. He emphasized that our country needs to diversify its Patent Portfolio to come at par with major patent destination such as China, Japan, and the United States. He stressed that to achieve the objective of Atma-Nirbhar Bharat, the Domestic Companies of India along with Education & Research Institutes should come forward to register their patents in good numbers. During this webinar, participants interacted with the expert speaker during the discussion session.

The programme commenced with the welcome address by Prof. S.K. Bawa, Advisor, CUPB IIC, who introduced the webinar topic & the expert speaker. The programme was coordinated by Dr. Sandeep Kaur, Organising Secretary & HoD, Dept. of Economics. Towards the end Prof. Monisha Dhiman, President IIC delivered the formal vote of thanks. The programme was attended by CUPB faculty, staff & students.

He decided to look for a solution to this problem and found out that crop burning is a major contributor to air pollution in Northern India. Soon after, he along with his friends decide to tackle the issue which resulted in the start-up Craste. Here, they worked to convert the agricultural crop residue to highly durable, environmentally friendly, cost-effective, wood-equivalent, crop residue derived straw panel board using a formaldehyde-free adhesive. This could help increase the farmer’s livelihood. Additionally, it would save the cutting of precious trees and protect the environment from harmful emissions of greenhouse gases from crop burning.

February 1, 2021: Central University of Punjab organized National Webinar on 'My Story Successful startup founder'

The Institution's Innovation Council and the Department of Environmental Science and Technology of the Central University of Punjab under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organized a Webinar on '**My Story - Successful start-up founder**'. The keynote speaker of this programme was Mr. Shubham Singh, CEO, Futuristic Materials Labs.

Mr. Shubham Singh, Co-creator, CEO of CRASTE and director of Futuristic Materials Labs (FUMA Labs) shared his success story as a start-up entrepreneur. At CRASTE, they focus on crop waste management by converting it into sustainable innovative materials for packaging and furniture applications.

Mr. Shubham after completing his graduation from Imperial College London happened to visit his new-born cousin in Delhi where he experienced air pollution levels in Delhi that exceeded 30 times the World Health Organization’s recommended level.



Shri Shubham Singh

He decided to look for a solution to this problem and found out that crop burning is a major contributor to air pollution in Northern India. Soon after, he along with his friends decide to tackle the issue which resulted in the start-up Craste. Here, they worked to convert the agricultural crop residue to highly durable, environmentally friendly, cost-effective, wood-equivalent, crop residue derived straw panel board using a formaldehyde-free adhesive. This could help increase the farmer’s livelihood. Additionally, it would save the cutting of precious trees and protect the environment from harmful emissions of greenhouse gases from crop burning.

Later, Mr. Shubham mentioned that his start up was appreciated through notable awards such as Millennium Alliance Award, BIRAC SOCH Innovation Challenge Award from the Ministry of Science & Technology.

The programme commenced with the welcome address by Prof. V.K. Garg. Dr. Yogalakshmi coordinated during the event.

February 14, 2021: Central University of Punjab organized National Webinar on 'Building an ecosystem of Incubation and Innovation'



CUPB faculty attending the Webinar

Central University of Punjab organized a Webinar on '**Building an Ecosystem of Incubation and Innovation**'. The programme was jointly conducted by CUPB Incubation and Start-up Support Centre (ISSC), Research Park and Institutional Innovation Council (IIC) under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari. The keynote speaker of this programme was Prof. Unnat P. Pandit, Dean, Atal Bihari Vajpayee School of Management and Entrepreneurship, JNU, New Delhi who shared his views with faculty, students and budding innovators at the university.

While addressing the participants, Prof. Unnat P. Pandit emphasized the need to tap the potential of young students and convert their innovative ideas into start-ups & to produce meaningful societal outcomes. He shared that the process from 'an idea to entrepreneur outcome' goes through a lot of phases of testing, success/failure, retesting. He stressed that it requires consistent efforts,

guidance and determination to turn an idea into a successful business venture. He mentioned that a good entrepreneur should have strong leadership & interpersonal skills and he should not get discouraged with failure. He stated that the initial phases of a start-up require mentoring as well as financial support and suggested that budding entrepreneurs need to follow SMART (Specific, Measurable, Attainable, Relevant and Time-based) Policy to minimize their business risk.



Prof. Unnat P. Pandit

The initial phases of a start-up require mentoring as well as financial support and it is suggested that budding entrepreneurs need to follow SMART (Specific, Measurable, Attainable, Relevant and Time-based) Policy to minimize their business risk – Prof. Unnat P. Pandit

Prof. Anjana Munshi, Chairperson, ISSC, complimented the keynote speaker for delivering a scholarly lecture and sharing valuable information with the participants. At the start, Prof. Monisha Dhiman, President, IIC, welcomed the participants. Towards the end, Dr. Sandeep Singh delivered the formal vote of thanks.

PROGRAMMES ORGANIZED DURING 12th FOUNDATION WEEK

February 21, 2021: CUPB 12th Foundation Week Celebrations begins with special programme on International Mother Tongue Day

To mark the 12th Foundation Day of the Central University of Punjab, Bathinda (CUPB), the faculty, staff, students & alumni of the university kick-started an eight-day long Celebrations Programme from 21-28 February 2021 with a special programme on International Mother Tongue Language Day. The 'Eight-day long CUPB 12th Foundation Day Celebrations' conducted under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari is special as it comprises a series of Academic Activities, Cultural Activities & Sports Events. The events of this eight-day celebration that commenced with a special programme on Matri Bhasha Diwas was continued till CUPB Foundation Day.

'Eight-day long CUPB 12th Foundation Day Celebrations' being conducted under the patronage of Vice Chancellor Prof. Raghavendra P. Tiwari is special as it comprises a series of Academic Activities, Cultural Activities & Sports Events

On the first day of this celebration, on February 21, a special programme was organized on the International Mother Tongue Language Day. Under this programme, an online lecture session was organized to spread awareness about linguistic, cultural diversity, and multilingualism.

Hon'ble Chancellor Prof. Jagbir Singh attended this lecture. He complimented the Vice Chancellor for organising this programme & stressed that we should always promote our mother tongue as it helps us to stay connected with our culture and values.

The keynote speaker of this Webinar Shri Atul Kothari, General Secretary, Rashtriya Shiksha Sanskriti Uthan Nyas, who highlighted the importance of teaching in the mother language in the overall development of students, which has been given importance in NEP-2020.

Apart from this, competitions on Declamation, Artistic Writing, Proverb Writing, Collections of Idioms and Proverbs, and Greetings in different Indian Languages were being organised in which university students & faculty members are enthusiastically participated.



Group Photograph of Vice Chancellor Prof. R.P. Tiwari
Chancellor Prof. Jagbir Singh and Keynote Speaker Shri Atul
Kothari

The Vice Chancellor Prof. Raghavendra P. Tiwari stated that the CUPB is the fastest growing newly established Central University of the country that has achieved many milestones within a short duration of 12 years of its establishment. He stated, that this university is also known as 'Mini India' as it has students from 28 states, faculty from 18 states and staff members from 14 states. He emphasized that 'CUPB 12th Foundation Day Celebrations' will provide an opportunity for our students to showcase their talent, culture and learn new things from each other.

February 23, 2021: Central University of Punjab organized Foundation Day Lecture by DBT Secretary Dr. Renu Swarup

The Central University of Punjab under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organized first lecture of the 12th Foundation Week Lecture Series by Dr. Renu Swarup, Secretary, Department of Biotechnology.

During her keynote address, Dr. Renu Swarup shared the journey of Biotechnology discipline and its contribution towards improving the quality of our life. She shed light on the various schemes/ programmes initiated by GOI to promote this discipline. She shared that the Biotechnology Industry is growing and emphasized that with rich biodiversity resources our country has ample opportunities to generate sizable Bioeconomy by adopting sustainable development practices. She appreciated the efforts made by CUPB to build research infrastructure and encouraged faculty and scholars to promote the research culture by generating new knowledge relevant to social needs.



Keynote Speaker Dr. Renu Swarup addressing the participants

Vice Chancellor Prof. Raghavendra P. Tiwari while expressing his gratitude towards Dr. Renu Swarup emphasized on the need to create research & innovation eco-system by promoting inter-disciplinary research.

The programme commenced with the welcome address by Prof. Monisha Dhiman. Prof. Anjana Munshi introduced the keynote speaker. Towards the end, Shri Kanwal Pal Singh Mundra gave a formal vote of thanks.

February 25, 2021: Central University of Punjab organized second Foundation Week Lecture by Padma Vibhushan Prof. M.M. Sharma

As a part of 12th Foundation Week Lecture Series, the Central University of Punjab under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organized a talk by Padma Vibhushan Prof. M.M. Sharma, Former Director, Institute of Chemical Technology, Mumbai.



Prof. M.M. Sharma

During his keynote address, Prof. M.M. Sharma shared his views on the topic ***'The critical role of innovations to trigger rapid economic growth'***. He shared details about major

innovations occurred in different industries such as Electronics, I.T., Pharma, Astronomy, Chemical, Textile etc and emphasized that blue sky research could be possible only after going through series of unsuccessful attempts. He highlighted role of universities in developing research environment and encouraged the

young scholars to develop innovative solutions for the society.

At the start, Prof. R.K. Wusirika, Dean Incharge Academics, delivered the welcome address and introduced the keynote speaker of the programme. Prof. Anjana Munshi, Dean Research expressed her gratitude towards Prof. Sharma for enlightening the participants with his words of wisdom.

Towards the end, she presented formal vote of thanks. CUPB faculty, staff, scholars and students attended this programme through online mode.

February 24—25, 2021: Central University of Punjab organized two-day 9th CUPB Annual Sports Meet

The Central University of Punjab, Bathinda (CUPB) under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari successfully organized two-day 9th Annual Sports Meet on February 24—25, 2021 at CUPB Ghudda Campus. This programme was a part of the eight-day celebrations to mark the 12th Foundation Day of the university. The Chief Guest of Inaugural Ceremony was Shri Sumit Kumar, Prant Pramukh, Kreedha Bharati. Shri Rajpal Singh, S.P., Sri Muksar Sahib, and Former Captain, Indian National Hockey Team, graced the occasion as the Chief Guest of Closing Ceremony.



Vice Chancellor & Chief Guest inaugurating CUPB Sports Meet

The special highlight of 9th Annual CUPB Sports Meet was the Indigenous Games of Punjab such as Pithu Garam, Kabaddi, Kokla Chapaki, Rassa Kassi, Stapo, Gilli Danda, etc. The other sporting events that were held during this Mega Sporting Event were Discuss Throw, Long Jump, Shot Put, Volleyball, Cricket, 200 Meter Race, 100 Meter Race & 50 Meter Race.

The inaugural ceremony commenced with the hoisting of the university flag and torching the light by the Vice Chancellor Prof. Tiwari. During this two-day sporting extravaganza, students enthusiastically participated in all Indigenous Games as well as other sporting events & displayed their sporting spirit. During the Valedictory Ceremony, the Finals of Kabaddi Match, 50m sprint (Girls) and 50m sprint (Boys) were held. First, Second and Third Winners of each sporting event were awarded gold, silver, and bronze medals respectively during the prize distribution ceremony.

In his presidential address, Prof. Raghavendra P. Tiwari, the Vice Chancellor, mentioned that the Indigenous Games of Punjab are the special feature of this sports meet. He emphasized that we should promote our traditional games as they play important role in the physical as well as mental development of a person.



Glimpse of Kabbadi, Rassa Kassi, Stapo and 100 m Race

The Chief Guest Sri Rajpal Singh encouraged youngsters to adopt at least one sport in their daily routine to stay physically and mentally fit. He congratulated the athletes and awarded medals to the winners. More than 500 medals were distributed during the prize distribution ceremony. Prof. V.K. Garg, Dean Student Welfare, appreciated CUPB students for enthusiastically participating in the Indigenous Games of Punjab and other sporting events.



CUPB Officials presenting memento to Chief Guest Shri Rajpal Singh

Indigenous Games of Punjab are the special feature of this year's Sports Meet. We should promote our traditional games as they play important role in the physical as well as mental development of a person
— Prof. R.P. Tiwari

Shri Kanwal Pal Singh Mundra, the Registrar, expressed his gratitude towards the Vice Chancellor for promoting the traditional games of Punjab in 9th CUPB Annual Sports Meet, which are beneficial for the overall development but are losing their popularity among the young generation.

February 26, 2021: Central University of Punjab organized Food Carnival 'Zaika'

The Central University of Punjab under the patronage of honorable Vice-Chancellor Prof Raghavendra P. Tiwari organized a Food Carnival 'Zaika' at its Ghudda Campus. This programme was a part of the eight-day celebrations to mark the 12th Foundation Day of the university. Mrs. Karuna Tiwari, the first lady of the university, graced the occasion as the chief guest of this programme. During this programme, students of different states of India & International Students studying at CUPB prepared famous cuisines of their respective region and presented Indian & International flavours under one roof.

At the beginning, the Chief Guest Mrs. Karuna Tiwari inaugurated the programme. During this food carnival, total 24 teams put up their food stalls & served regional, traditional, and festival cuisines from across the country. CUPB students served famous cuisines of various states of our country like Punjab, Jammu & Kashmir, Ladakh, Uttar Pradesh, Andhra Pradesh, Kerala, Bihar, West Bengal, Tamil Nadu etc. and prepared famous food items of Afghanistan. Chief Guests along with other Judges visited every stall and tasted mouth-watering delicacies freshly prepared by the students, faculty, and staff members. Mrs. Tiwari appreciated the participants for preparing delicious food and congratulated the organizing team for conducting this unique programme.



Chief Guest Smt. Karuna Tiwari and Judges inspecting food preparation at different Food Stalls

Some of the exclusive Indian food cuisines presented in this carnival was Mirchi Bajji, Litti Choka, Sweet Pongal, Muradabadi Daal, Kadhi Chawal, Daal Wada, Daal Baati Churma, Falafel, Idli Sambhar, Gotsu, Naan, Paav Bhaji, Uttapam, Pani Puri, Kabuli Pulao, Afghani Kabab, Istambuli Veg Palao, Veg Chawmin etc. CUPB students also served unique desserts like Ras Malai, Gazar Halwa, Phirni, Custard and Fruit Cakes. This carnival also included some unique mouth-watering beverages like Chai Di Lassi, Kit Kat Shake, Saffron Milk, Tandoori Chai, Lemonade, Mojitos, Sharabat, Sattu etc. University Students, faculty, and staff along with their families visited this food fest and enjoyed the delicacies.

February 26, 2021: Central University of Punjab organized IDEATHON

As a part of 12th Foundation Week celebrations, the Central University of Punjab under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organized Ideathon Competition. CUPB Incubation Cell, Research Park and Institution's Innovation Council conducted this programme. Hon'ble Chairman of All India Council for Technical Education Prof. Anil D. Sahasrabudhe graced the programme as the Chief Guest of the Inaugural Session.



Prof. Anil D. Sahasrabudhe addressing the participants

Prof. Anil D. Sahasrabudhe talked about the revolution brought by Telecommunications, Computer & I.T. sector in

last few decades. He stated that emerging fields such as Artificial Intelligence, Robotics, Block Chain, Internet of Things, Cyber Security, Big Data etc will not only make our life easy but also contribute towards the economy of nation. He encouraged youngsters to understand the scientific aspect of Indian traditions and develop relevant cost-effective solutions for sustainable development.

Vice Chancellor Prof. Raghavendra P. Tiwari emphasized on the importance of developing critical thinking to generate new ideas. He stated that the socially relevant ideas focused on local needs will strengthen the philosophy of **Vocal for Local** and contribute towards actualizing the vision of AtmaNirbhar Bharat.

In this competition, a total of 33 teams submitted their Proof of Concept on Workable Ideas related to Product / Process / Service.

The Inaugural Ceremony of Ideathon was attended by faculty, staff, scholars and students of the University.

February 28, 2021: Central University of Punjab organized International Quiz Competition on National Science Day

On National Science Day, which is also the Foundation Day of the University, the Central University of Punjab organized an International Science Quiz Competition. The Science Quiz competition was conducted under the guidance of the Vice Chancellor Prof. Raghavendra P. Tiwari with an objective to spread science awareness among youngsters. Prof. Shekhar C. Mande, Director General, CSIR, graced the occasion as the Chief Guest of the programme.

Dr. Felix Bast, Programme Convener, delivered the welcome address and introduced the programme theme. He informed that around 2284 participants from almost all states of India and 15 foreign countries such as Germany, USA, Muscat, Italy, UK, UAE, Czech Republic, Malaysia, the Netherlands, Malaysia, Japan, Israel etc have registered to participate in this quiz competition.

Prof. Shekhar C. Mande congratulated CUPB family on their 12th Foundation Day and appreciated that the university is doing commendable work in the field of education and research as well as in spreading awareness about science among youngsters. He added that National Science Day is celebrated to mark the discovery of Raman Effect by Indian physicist Prof. C.V. Raman and this is a wonderful occasion to celebrate the achievements of science over the years. He highlighted that the Constitution of India encourages the citizens to develop scientific temper and our nation has adopted Science and Technology as a vehicle of growth. He encouraged scholars to develop scientific solutions to problems of our society to achieve Sustainable Development Goals.



Prof. Shekhar C. Mande addressing the participants

Vice Chancellor Prof. Raghavendra P. Tiwari while expressing his gratitude towards Prof. Mande mentioned about the achievement of the University. He expressed that such quiz competitions should be customized for school students to develop their interest in science.

Prof. R.K. Wusirika, Dean In-charge Academics, Prof. Vinod K. Garg, Dean Students Welfare and Prof. Anjana Munshi, Dean Research and Prof. Raj Kumar conveyed their best wishes to the participants.

During this Quiz Competition 50 questions were asked to participants related to different domains of science. Mr. Ayush K. Jha (Jharkhand), Mr. Shobhit Verma (Delhi NCR), and Ms. Parikshita Rathore (Rajasthan) got the first, second and third positions respectively during this competition.

INVITED LECTURES & WEBINARS

December 1, 2020: Central University of Punjab organized Webinar on 'Population Genomics and Public Health'

Central University of Punjab, Bathinda (CUPB) under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organised a Webinar on "**Population Genomics and Public Health**". On this occasion, Dr. Kumarswamy Thangraj, an acclaimed senior geneticist of India and Director, Centre for Fingerprinting and Diagnostics (CDFD), Hyderabad was the keynote speaker.



Dr. Kumarswamy Thangraj

In his keynote address, Dr. Kumarswamy Thangraj talked about how population genomics, the study of evolution of humans, and the genetics of modern human helps in understanding the human health. While throwing a light on the evolution of human beings, he mentioned that earlier human species diverged from their homogenates like Chimpanzee about 7.5 Million Years Ago. He also discussed different stages of evolution of human beings including *Hominidae*, *Ardipithecus ramidus*, *Australopithecus afarensis*, *Homo habilis*, *Homo erectus*, *Homo heidelbergensis*, *Homo sapiens* & pointed out that during these stages the human brain has

developed over a period and its size has increased as compared to the predecessors. Dr. Kumarswamy Thangraj informed that several geological tools including the draught of Malwai Lake have indicated that modern humans originated in Africa and migrated to different parts of the world. He stated that India is a genetic hotspot and there are more than 4500 anthropologically well-defined population groups and genetic identity of different ethnic groups helps in identifying the health status of that population. He added that due to the practice of endogamy, the disease pattern is restricted to that population. Dr. Thangraj asserted that IBD Scores (Identity by descent scores) helps the researchers to find the level of identical DNA and know about their ancestors of several decades back. Further, the level of similarity of gene mutation pattern helps in identifying the health risk level of that ethnic group. During this webinar, various genetic diseases including mitochondrial diseases were discussed and it was suggested that a community genetic testing programme helps in identifying the health risk factor of a population.

The programme was co-ordinated by Prof. Anjana Munshi, Dean Research.

December 3, 2020: CUPB Dept. of Law organized Invited Lecture on 'Bhopal Gas Disaster Remembrance'

Department of Law at the Central University of Punjab, Bathinda (CUPB) under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organized a special lecture on **Bhopal Gas Tragedy Remembrance**. The keynote Speaker of the programme was Prof. (Dr.) Nishtha Jaswal, Vice-Chancellor, Himachal Pradesh National Law University, Shimla.

While addressing the participants Prof. Jaswal threw light on the Bhopal Gas Tragedy Case and talked about the natural disaster and manmade disaster. She discussed the provisions of speedy trial and Articles 48 and 49 of the Indian Constitution while referring to various legal case

studies. In the interactive session students shared and cleared their doubts with the speaker.

During this programme Prof. Tarun Arora delivered the Welcome Address. Dr. Deepak Chauhan gave a formal vote of thanks. The programme was co-ordinated by Dr. Puneet Pathak and Dr. Sukhwinder Kaur.



Prof. Nishtha Jaswal

December 10, 2020: Central University of Punjab celebrated International Human Rights Day

To commemorate the International Human Rights Day, the Central University of Punjab's Department of Law under the guidance of Vice Chancellor Prof. Raghavendra P. Tiwari organised an Invited Lecture by Prof. Davinder Singh, Department of Laws, Punjab University Chandigarh.



Prof. Davinder Singh

While addressing the participants Prof. Davinder Singh stated that the celebration of Human Rights Day will help in spreading awareness about the importance of human rights & to create equal opportunities for all. He discussed in detail about the nature of Human Rights, the United Nations

Universal Declaration of Human

Rights and our Constitutional Fundamental Rights by referring to various legal case studies. While highlighting the importance of the advancement of human rights to achieve Sustainable Development Goals, he asserted that

in the post- COVID-19 world, where the poverty & inequality has increased, respecting 'Human Rights of All' will help to end discrimination of all kinds, address inequalities and promote sustainable development. He encouraged Law Students to use the power of law for the welfare of the society. During this interactive session, students got satisfactory replies for their queries from the invited speaker.

The programme commenced with the welcome address by Prof. Tarun Arora, Dean, School of Legal Studies in which he informed that the United Nations theme of Human Rights Day-2020 is to 'Recover Better – Stand Up for Human Rights' and appealed the participants to act as promoters by spreading awareness in the society. Towards the end, Dr. Deepak Chauhan, HoD, Department of Law, expressed gratitude towards the invited speaker for motivating the participants to serve the society and fulfil the purpose of ensuring peace, dignity, and equality on a healthy planet while eliminating inequalities.

December 15, 2020: CUPB organized Webinar on 'Pharma- a Nabal Profession, Options & Opportunities'

Central University of Punjab, Bathinda (CUPB) Dept. of Pharmacology and Dept. of Pharmaceutical Sciences & Natural Products organized a Webinar on "**Pharma: A Nobel Profession, Options & Opportunities**". The keynote speaker of this programme was a renowned scientist Prof. S.P. Vyas, Professor (Retd.), Dept. of Pharmaceutical Sciences, Dr. Harisingh Gaur Vishwavidyalaya, Sagar.

The Keynote Speaker Prof. S.P. Vyas in his lecture shared the journey of 'Pharmacy Education' in India which commenced with the inception of Pharmacy College by Portuguese at Goa in 1842. He defined Pharmacist as a person who works for mankind, who is the guardian of public health, who is specialized in medicines, who is a companion of the physician, and who acts as a counsellor to the patient. He enlightened the students with the different opportunities available to Pharmacy Professionals in India and abroad in the areas of Academics, Pharmacy Research, Drug Development, Production, Quality Assurance & Quality Control, Packaging, Regulatory Affairs, Sales & Marketing, and Pharmacy at practice settings. He also shed light on the various specialized branches of Pharma discipline such as Pharmaceutics, Pharmaceutical Biotechnology, Pharmaceutical Analysis, Pharmacology, Pharmaceutical



Screenshot of the Webinar

Chemistry, Pharmacognosy, Pharmaceutical Quality Assurance etc, which have bright career prospects. While discussing recent new development and trends in the field of Pharmaceutical Sciences, Prof Vyas said that soon innovative techniques such as Artificial Intelligence, Nanomedicine & Nanotechnology, Stimuli Responsive Drug Delivery System, and Targeted Protein Degradors will play an important role in the diagnosis of disease, drug discovery, drug development and creation of specialized drugs. He encouraged young researchers to design advanced drug discovery systems for better therapeutic effects through innovative research in the field of pharmaceutical sciences.

December 17, 2020: CUPB organized Webinar on 'Strategic Agility and Resilience'

The Department of Financial Administration at Central University of Punjab, Bathinda (CUPB) under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organized a National Webinar on "**Strategic Agility and Resilience**". The keynote speaker of this webinar was Prof. Prashant Salwan, Dept. of Management Studies, IIM, Indore.



Prof. Prashant Salwan

The Keynote Speaker Prof. Prashant Salwan delineated about various aspects to develop Agility and Resilience and its role in the current business scenario. He shed light on economic profits of Industry Group of USA and India during the last 3 decades

with special reference to the Pharma and Steel sector. He cited various examples to emphasize that the industry which has recognized the changes and paradigm shift while developing agility is generating continuous profit and value additions. Finally, he cited the example of Indian FMCG Companies which launched the number of products from April to September 2020 and take the Covid-19 pandemic as business opportunities.

In the presidential address, Vice Chancellor Prof. Raghavendra P. Tiwari emphasised on the ideology of 'Vasudhaiva Kutumbakam' and its relevance to the global economy.

Towards the end, Sh. Kanwalpal Singh Mundra, the Registrar, extended the vote of thanks.

December 21, 2020: CUPB organized Webinar on 'Cancer Biochemistry'

The Department of Biochemistry at the Central University of Punjab, Bathinda (CUPB) organized an International Webinar on '**Cancer Biochemistry**'. The keynote speaker of this programme was Prof. Sanjay Gupta, Professor at Dept. of Urology, Case Western Reserve University, USA

The Vice Chancellor Prof. Raghavendra P. Tiwari appreciated the Department of Biochemistry for conducting webinar on the important topic. He encouraged faculty & research scholars to work on innovative research proposals by collaborating with the National and International Institutes of repute.

The Keynote Speaker Professor Sanjay Gupta talked about cancer, stem cells, and drug resistance. He said that the occurrence of cancer stem cells is one of the main reasons for disease relapse, lesser survival & poor therapy

outcome (drug resistance) in cancer patients. He told that targeting molecular events related to drug resistance and survival of cancer stem cells by chemotherapy is a better strategy in the management of cancer. During the webinar, Prof. Gupta also shared his experiences related to laboratory work carried out in the field of Cancer Drug Resistance.



Prof. Sanjay Gupta

The program was co-ordinated by Dr. Shashank Kumar from the Dept. of Biochemistry.

December 28, 2020: CUPB organized Invited Lecture on 'Recent advances in Algebra'

The Department of Mathematics & Statistics at the Central University of Punjab, Bathinda (CUPB) under the patronage of Vice-Chancellor Prof. Raghavendra P. Tiwari organized an invited talk on "**Recent Advances in Algebra**". The keynote speaker of this program was Prof. R.K. Sharma, Chair Professor, Dept. of Mathematics, IIT Delhi.

At the start Prof. Gauree Shankar, HoD, Dept. of Mathematics & Statistics welcomed the guests and introduced the program theme.

In his keynote address, Prof. R.K. Sharma mentioned that mathematics enters in our life from the time when we learn to speak and it remains with us throughout our life.



Dr. R.K. Sharma

He defined algebra is a part of mathematics which deals with symbols used to represent numbers and the rules for managing those symbols. He discussed various branches of algebra and stated that we use algebra in our daily life to calculate distance, the perimeter of an area, the volume of an object, cost estimate, time relationship and more. While discussing the applicability of Algebra into various professions, he asserted that algebra is used by Actuaries, Computer Engineers, Air Traffic Controllers, Architects,

Market Research Analyst, Programmers, Economist, Geologist, Electricians, and other professionals. He also threw light on the applicability of Algebra in the field of Cryptography, which is widely used in mobile calling, messaging, secure network communications, signal processing, authentication, digital signature, time stamping, electronic money transfer and other works. He motivated youngsters to develop specialized skills in algebra to enhance their career prospects.

The participants discussed their queries with the invited speaker during the interactive session. Towards the end Dr. Harmanpreet Singh Kapoor delivered a formal Vote of Thanks

December 29, 2020: CUPB organized Webinar on 'How to organize Biology Teaching'

The Department of Human Genetics and Molecular Medicine at the Central University of Punjab, Bathinda (CUPB) under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organised an invited lecture on "How to organise Biology Teaching". The keynote speaker in this program was Prof. Kambadur Muralidhar, Former Jawaharlal Nehru Chair Professor, UoH, former Sir JC Bose National Fellow, South Asian University, New Delhi, and Former Professor and HoD, Dept. of Zoology, University of Delhi.

Prof. Kambadur Muralidhar, while sharing the journey of Biology, mentioned that after the introduction of Microscopy observation technique, the field got divided into Botanists, Zoologists and Microbiologists. He stated that Biology as a discipline for teaching at UG and PG levels has not materialized in many universities due to various reasons. He suggested close reading of NEP-2020 to develop a better interactive classroom environment

He said, "In the days of Online education, the technology and innovation used in the creation of content might take over teaching pedagogy. But teachers have to be trained to become future-ready."



Prof. Kambadur Muralidhar

The programme commenced with the Welcome Address by Dr Jaswinder Singh Bhatti, HoD, Dept. of Human Genetics and Molecular Medicine and concluded with the Vote of Thanks by Dr. Narender, the Program Coordinator.

January 15—16, 2021: CUPB organized two-day Webinar Series on 'Relationship of Punjabi with other Languages'

The Department of Punjabi, Central University of Punjab, Bathinda (CUPB) under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organized a two-day webinar series on the theme 'Relationship of Punjabi Language with other Languages' on January 15—16, 2021. Under this Webinar Series, two lecture sessions were conducted on the sub-themes of 'Punjabi & Sanskrit' and 'Punjabi & Urdu'.

The invited expert speakers for this Webinar were Prof. Renu Bala, Former Professor, Guru Nanak Dev University, Amritsar and Prof. Nashir Naqvi, Former Professor, Punjabi University, Patiala.

At the start of programme, Prof. Zameerpal Kaur, Dean, School of Languages, Literature & Culture and HoD, Punjabi Dept. highlighted that the objective of this Webinar Series is to make our youngsters aware of the

linkage of Punjabi Language to other related languages i.e., Sanskrit & Urdu.

In the first session, Prof. Renu Bala delivered a lecture tracing the development from Vedic to contemporary Punjabi Language & Literature. She mentioned that Vedic 'Sanskrit' Language is the base of many other languages including Punjabi. She added that Vedic Sanskrit & Punjabi Language have strong relations with each other since ancient times when Punjab was considered to be the home of Sanskrit language and people from across the world came to learn Sanskrit at Takshshila University. She asserted that the writers of ancient Sanskrit Literature including Rig Ved, Chand Shashtra, Ashtadhyayi etc. have their relationship with the holy land of Punjab & the references of famous rivers and places of ancient Punjab are available in Sanskrit literature. She added that Gurmat Literature contains many phrases of Sanskrit Language. She emphasized that because of this strong linkage both Punjabi & Sanskrit Languages have similarities in verbal pronunciation and grammar rules.

In the second session, Prof. Nashir Naqvi gave a very interesting talk on 'Punjabi & Urdu - Linguistic and Literary Exchange'. Prof. Naqvi said that it is sad that languages have been divided based on religion. He said that languages never divide people, rather languages act as bridges between different communities. While elaborating on the relationship of Punjabi with Urdu Language, he said that Punjabi has internalized many Urdu words, thereby enhancing its repertoire. He also advised students that while using language, we should take care of proper pronunciation, intonation, stress etc. After the lecture, participants enthusiastically shared their views with the speaker and participated in the discussion.

At the end, organisers thanked the CUPB faculty & students for their active participation.

January 17, 2021: CUPB organized New Year Webinar on 'Fostering transdisciplinary research focused on Nationally Relevant Issues'

The Department of Botany, Central University of Punjab, Bathinda (CUPB) under the patronage of honourable Vice Chancellor Prof. Raghavendra P. Tiwari organized New Year Webinar with Prof. Ashutosh Sharma, Secretary, Dept. of Science & Technology (D.S.T.), Government of India. The theme of this Webinar was '**Fostering transdisciplinary research focused on nationally relevant issues**'.



Prof Ashutosh Sharma

In his keynote address, D.S.T. Secretary Prof. Ashutosh Sharma emphasized that Science, Technology, and Innovation Policy 2021 (STIP 2021) is in line with National Education Policy 2020 to support transdisciplinary research. Prof.

Sharma stated that the draft of 5th STIP formulated by DST along with Prime Minister's Principal Scientific Advisor's Office is inclusive and aimed at democratization of science. The draft STIP is open to public for suggestions till 25th January 2021. He added that several facets of STIP 2021 will revolutionize the way scientific research is conducted in the country including much lauded "One Nation, One Subscription" program that is aimed at free

nation-wide access of paid academic journals through centralized national gateway. This ambitious project that comes under the ethical framework of Open Access and Open Science initiative will ensure access to top academic journals that cost thousands of dollars completely free of cost to the end users throughout the nation. Prof. Sharma highlighted other several key aspects of STIP including 30% reservation for women in policy-making bodies, Dual recruitment for Couples, GFR waiver for research projects of national importance, ensuring minimum 25% lateral recruitment in ministries, promoting scientific temper, sensitizing academia on fake news, and Promoting 'ease of doing research' in the nation.

Vice Chancellor Prof. Raghavendra P. Tiwari highlighted the importance of Indianization of Indian science- to channel scientific research towards nationally relevant themes such as environmental issues. He lauded the efforts of DST to bring synergy among STIP 2021 with NEP 2020. Faculty, Research Scholars and Students from across the country attended this program online.

January 19, 2021: CUPB organized Webinar on ‘Critical Media Literacy to promote inter-religious harmony’

The Dept. of Mass Communication & Media Studies, Central University of Punjab, Bathinda (CUPB) under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organised a Webinar on ‘**Critical Media Literacy to promote inter-religious harmony: Insights from the field**’. The expert speakers of this Webinar were Prof. Manisha Pathak-Shelat, Communication & Digital Platforms and Strategies and Chair, Centre for Development Management & Communication, MICA, Ahmedabad and Ms. Kiran Vinod Bhatia, Doctoral Student, School of Journalism and Mass Communication, University of Wisconsin-Medison, USA.

Keynote Speaker Prof. Manisha Pathak-Shelat mentioned that every research has an objective and Media Literacy Research aims to achieve Social Justice and Equity. She based her lecture around their book titled ‘Challenging Discriminatory Practices of Religious Socialization among Adolescents: Critical Media Literacy and Pedagogies in Practice’. While throwing light on her work, she mentioned that our research study has helped us to identify the factors of religious discrimination that cause religious divide in society. She further added that during this research project, we have designed a Media Literacy Pedagogies to develop critical thinking among children and to achieve inter-religious harmony between inter-faith groups. Prof. Manisha Pathak-Shelat stated that Media Literacy is

very important for our society not only to identify fake news but also to recognize the fabricated content and propaganda. She stressed that to understand the overall perspective of a news story one should always follow multiple media platforms. Ms. Kiran Vinod Bhatia while sharing her research experiences of working with children & teachers in the villages of Ahmedabad mentioned that ethnography as a research method allows the researcher to immerse oneself into the field and understand the ground reality. Both the researchers emphasized that bringing a change in society is difficult but some steps in this direction from the part of researchers would surely contribute to some extent towards building a peaceful and liberal society.



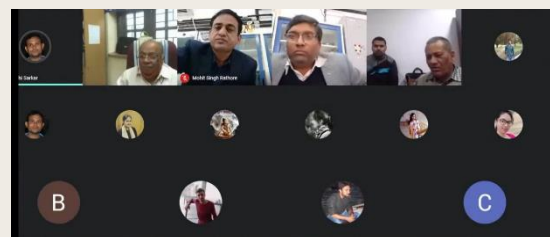
Screenshot of the Webinar

The programme commenced with the welcome address by Dr. Chhavi Garg from CUPB Dept. of Mass Comm. & Media Studies. Dr. Rubal Kanozia introduced the invited speakers. Towards the end, Dr. Paramveer Singh delivered the formal vote of thanks.

January 17, 2021: CUPB Dept. of Zoology organized a Webinar on ‘Impairment in the BRCA1 related genes in the double strand DNA break repair in primordial follicles: significance in ovarian aging’

The Dept. of Zoology, Central University of Punjab, under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organized a Webinar on ‘**Impairment in the BRCA1 related genes in the double strand DNA break repair in primordial follicles: significance in ovarian aging**’. The Keynote Speaker of this was Prof. A.J. Rao, INSA Senior Scientist, Dept. of Biochemistry, Indian Institute of Science, Bangalore.

The prime focus of Prof. Rao’s discussion was to elucidate the importance of DNA repair mechanisms during oocyte aging.



Screenshot of the Webinar

Prof. Rao showed as to how impaired DNA repair plays a crucial role in oocyte aging. Faculties and students from different departments of CUPB and other universities attended this Webinar.

February 3, 2021: CUPB Dept. of English organized Webinar on 'Jacques Lacan and the Literary Dimensions of Psychoanalysis'

The Dept. of English, Central University of Punjab, Bathinda (CUPB) under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organized a Webinar on "**Jacques Lacan and the Literary Dimensions of Psychoanalysis**". Prof. Santanu Biswas of Jadavpur University, Kolkata, an eminent scholar on Lacanian psychoanalysis, was the keynote speaker.



Prof. Santanu Biswas

In his lecture Professor Biswas pointed out how Lacan was dependent upon literature as a teacher of psychoanalysis. He further explained that Lacan considered the subject as an effect

of the signifier.

At the start, Dr. Vipan Pal Singh, Associate Professor and the convener of the webinar gave a brief introduction to the topic and introduced the keynote speaker. The webinar ended with a vote of thanks by Dr Shahila Zafar.

The lecture was received with admiration by the students, research scholars and faculty. Prof. Alpna Saini, HoD, Dept of English, Dr. Dinesh Babu and Dr. Prithvi Raj of the Department of English helped in organizing the event.

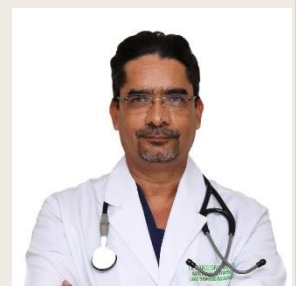
February 5, 2021: CUPB organized Webinar on 'Exercise – Mother of Heart'

The Department of Physical Education, Central University of Punjab Bathinda (CUPB) under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organized a National Webinar on the theme "**Exercise, the Mother of Heart**". The keynote speaker of this Webinar was the eminent Cardiac Surgeon, Dr. Rakesh Chittora from Fortis Escorts Hospital, Jaipur. He talked about the significance of exercise for healthy heart and cardiovascular disease management. Approximately 100 participants from across the country participated in this programme through digital platform.

While addressing the participants, Dr. Rakesh Chittora mentioned that Exercise is medicine, and there is no question that moderate to vigorous physical activity is beneficial to overall cardiovascular health. However, like medicine, it is possible to underdose and overdose on exercise - more is not always better and can lead to cardiac events, particularly when performed by inactive, unfit, individuals with known or undiagnosed heart disease.

For those people who want to become more active, Dr. Chittora suggested that most people can start a light program of exercise and build up slowly to a moderate to vigorous exercise regimen without seeing a physician first,

unless they have physical symptoms such as chest pain, chest pressure or severe shortness of breath while exercising. It is important to start exercising - but go slow, even if you were an athlete in past. In addition, he informed that people with known heart disease, such as a previous heart attack, bypass surgery or angioplasty should get their doctor's approval prior to starting an exercise program. For currently inactive or sedentary people, Dr. Rakesh Chittora also suggests checking with your doctor before engaging in any stressful workouts.



Dr. Rakesh Chittora

In the beginning of the programme, Dr. Sanjeev Kumar, In-charge, Department of Physical Education, welcomed the participants and introduced the Distinguished Speaker. Towards the end Dr. Shankar Lal Bika, Associate Dean, School of Education, CUPB gave vote of thanks.

February 10—24, 2021: CUPB Dept. of English expert lecture series with Prof. Deepti Gupta

The Department of English, Central University of Punjab, Bathinda (CUPB), under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari organized an Expert-Lecture Series on '**Academic Writing, Career Paths after MA English, and Language Hygiene**'. The expert speaker of this lecture series was Prof. Deepti Gupta, Professor & Former Chairperson, Dept. of English & Cultural Studies, Panjab University, Chandigarh.



Prof. Deepti Gupta

The first lecture in this series was on Academic Writing. While addressing the participants, Prof. Deepti Gupta mentioned that we need to use Academic Writing while writing Examination Answer Sheets, Research Papers, Assignments, Dissertations and Research Theses. She added, this is a skill that

anyone can master with regular practice and patience. She pointed out that Academic Writing is different from Personal Writing and it has a set format. While sharing the key features of academic writing, she advised students to present an objective account, adopt logical and rational

approach, state evidence-based information and include public opinions & expert views in simple language suitable for readers. She highlighted that a good research paper always got published in a reputed journal provided it has well written abstract, references & citations, and strong evidence against the perils of plagiarism. She stated that paraphrasing and proofreading are important strategies in Academic Writing and students must use it before finalizing their work. In the second and third lecture, Prof. Deepti Gupta enlightened students about career prospects after MA in English and shared tips on maintaining language hygiene.

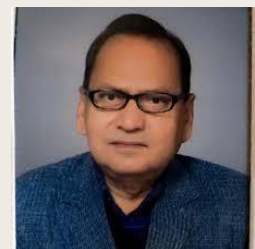
While delivering the welcome address Dr. Shahila Zafar, Programme Convener, informed that the topics covered under this three-lecture series are related to professional, linguistic & career development of students. Dr. Vipin Pal Singh & Dr. Prithvi Raj expressed his gratitude towards the keynote speaker for delivering a scholarly lecture. He thanked faculty & students for their active participation in this webinar.

February 13, 2021: CUPB Dept. of Mathematics and Statistics organized Webinar on 'The Journey of development of Geomaty'

Under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari, Department of Mathematics and Statistics, Central University of Punjab organized an invited talk on the "**The Journey of the Development of Geometry**". The Keynote Speaker of this programme was Prof. Paras Nath Pandey, Former Vice- Chancellor, Nehru Gram Bharati University, Prayagraj and former Professor and Head Department of Mathematics, University of Allahabad, Prayagraj (U.P.).

The Keynote speaker, Prof. P.N. Pandey mentioned that Geometry has many practical uses in everyday life such as measuring the circumference and the volume while building or creating something. He also mentioned that Geometry is also applied to almost all the underlying concepts of Technology like Robotics, computers, video games etc. He talked about the growth of Geometry from

Ancient to Modern Era in a very fascinating way that made the audience engaged throughout the talk. He inspires the students to think deeply about the importance of Geometry and the works of great mathematicians in this field.



Prof. P.N. Pandey

The programme commenced with the welcome address by Prof. Gauree Shanker, Head of the Department wherein he introduced the programme theme. After this, Dr. Ashok Kumar Pathak introduced the keynote speaker to the participants. Towards the end, Dr. Sachin Kumar presented the formal vote of thanks. Faculty, staff and students of the University attended this programme online.

February 19, 2021: CUPB Dept. of Biochemistry organized first lecture under Talk Series 'Possibilities for Scientific Enthusiast'

The Department of Biochemistry, Central University of Punjab, under the patronage of the Vice Chancellor Prof. Raghavendra P. Tiwari commenced a Talk Series: "**The possibilities for a Science Enthusiast**". The first talk of this series was conducted today on the topic "**From a Biology Researcher to a Medical Communicator & Writer**" by Dr. Swati Dadhich Mandal. Faculty & students from various departments attended this programme on the virtual platform.

The programme commenced with the welcome address by Dean In-charge Academics Prof. R.K. Wusirika wherein he mentioned that this is a student centric lecture series with emphasis on different domains of learning along with the possible career opportunities one can build as a biologist.

While addressing the participants, Dr. Swati Dadhich Mandal shared her journey and put some light on the opportunities in the field of science communication. She encouraged young researchers to conduct research on socially relevant topics and develop innovative solutions.



Dr. Swati D. Mandal

At the start of programme, Dr. Manju Jain presented the theme of the programme and introduced the keynote speaker. Towards the end, Dr. Ravindresh Chhabra delivered a formal vote of thanks.

UNIVERSITY RESEARCH PUBLICATIONS

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RESEARCH PROJECTS WITH SANCTIONED GRANT

Principal Investigator	Project Title	Funding Agency	Sanctioned Date	Year	Sanctioned Amount (INR)
Dr. Jasvinder Singh Bhatti	Expression profiling and validation of novel circulatory micro RNAs involved in progression to diabetic nephropathy in Type 2 Diabetes	DST-SERB	14-12-2020	2020-21	50,50,620
Dr. Biplab Banerjee	Photoinduced Cascade Process and Remote Functionalization for the Synthesis of Privileged Heterocycles, Natural Products and Late-Stage Functionalization of Drugs and Bioactive. Molecules	DST-SERB	04.12.2020	2020-21	38,13,832
Grand Total					88,64,452

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ਸਿੱਖਿਆ ਪ੍ਰਣਾਲੀ 'ਚ ਤਬਦੀਲੀਆਂ ਜ਼ਰੂਰੀ: ਪ੍ਰੋ. ਧੀਰੇਂਦਰ ਪਾਲ ਸਿੰ

ਦਿ-ਰੋਜਾ ਵਾਰਥਾ ਅੰਤਰਰਾਸ਼ਟਰੀ ਅਖੰਡ ਕਾਰਨਵਲ 'ਐਡਵੋਕੇਟ-2020' ਸਮਾਪਤ

ਦਿੱਖਿਆ ਪ੍ਰਣਾਲੀ 'ਚ ਤਬਦੀਲੀਆਂ ਜ਼ਰੂਰੀ: ਪ੍ਰੋ. ਧੀਰੇਂਦਰ ਪਾਲ ਸਿੰ

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ਇਸ਼ਾ-ਨੀਤਿ ਪ੍ਰਧਾਨਾਂਸ਼ੀ ਨੌਰੰਡ ਸ਼ਾਂਤੀ ਦੇ ਆਲਮ-ਨਿਮਰੰ ਭਾਰਤ ਦੇ ਸਪਨੇ ਕੋ ਕਾਰੀ ਸਾਫਾਰ: ਕੇਂਦਰੀ ਸਿਖਾ ਸੰਗੀ

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555 ਝਾਤ੍ਰੋਂ ਕੋ ਫ਼ਾਟੀ ਉਪਾਧਿਯਾਂ ਕੇਂਦਰੀ ਯਾਤਰਿਵਿਧਾਲਯ ਚੋ ਵੀਫ਼ਾਟ ਸਮਾਰੋਹ, ਧਾਰ ਵਿਦੇਸ਼ੀ ਸਟੂਡੈਂਟਸ ਕੋ ਨਾਮ

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Academic Bank of Credits for Optimising Learning Opportunities

GUEST COLUMN

to receive sufficient social and government recognition. It is perhaps in this context that NEP-2020 stipulates for Academic Bank of Credits (ABC) for digitally storing the academic credits earned from recognized institutions to enable an institution to award a degree to students upon earning and accumulating credits sufficient for completion of the program concerned. It is noteworthy to mention that credit earning from other institutions was already in practice, albeit rudimentary form, in the ancient learning institutions in India wherein students used to learn additional modules from the Gurukul of other Gurukuls in addition to the Gurukul they were enrolled in. ABC may ensure seamless movement of students between different education systems for pursuing courses of their choices and credit accumulation as required. The credits thus accumulated may be utilized by the students in order to fulfill the partial requirement of degree of the concerned programs. As such, ABC may facilitate seamless integration of learning systems by creating opportunities for students mobility within inter and intra university systems. For smooth operation, ABC may be linked to the National Academic Depository.

ABC will function like a commercial bank where students can hold accounts. Having an account with ABC is however optional. The bank will facilitate accumulation, transfer and redemption of credits of the account holders through opening, validation and closure of accounts and it will also carry out verification of credits required for authentication of degrees/diplomas/certificates. Provision of credit transfer, however, may be restricted to institutions of equal grades or from higher to lower grades and not vice-versa. Credit recognition procedure shall be laid down for enabling recognition of the credits earned by the students. The credits earned by the students may be verified by the bank education transcript. The transcript will depict specific grades secured by the students and also the level of learning outcomes they have accomplished in a particular learning module of the course as well as for the overall course/program. These transcripts shall be recognised by all the institutions opting for membership in ABC.

The ABC may also allow non-science students, say arts and commerce stream students, to take up courses in the science stream after pursuing a bridge course. The ABC will offer Multiple-Entry-Multiple-Exit options. To the needy students and will also ensure that learning space is available to them for anytime, anywhere, and any mode of learning. ABC may also help integrate skills into a credit-based system by providing wide-ranging options for choosing courses from several institutions. Similarly, the validly acquired objectives and can pursue courses to satisfy their learning needs.

The Main objectives of ABC thus are to promote a student centric higher education system rooted in Indian culture and to enable them to opt for courses and institutions. Say for example, a student can be enrolled for a program in one institution which becomes a parent institution and at the same time can enrol for the courses of her/his choice in multiple institutions simultaneously for earning credits in online mode. However, the ratio of credits to be necessarily earned from the parent institution and allowed to be earned from other institutions is to be appropriately chosen. This decision will be decided by the participating institutions. Similarly, the validly acquired objectives and can pursue courses to satisfy their learning needs.

ABC promotes students to choose pace of learning depending on their capacity and Multiple-Entry-Multiple-Exit options for students to complete their degrees keeping in view preferred and informed choices. This will also enhance integration of institutions seamlessly for carrying out academic activities and facilitate lifelong learning needs.

Added advantage of this initiative perhaps is that the learners have the options to either learn formally or informally in full-time or part-time modes or both. As a consequence, ABC will promote much sought after quality, flexibility and collaboration alongside access and equity to improve the efficacy of the nation's higher education system and to make it current and relevant.

This will also enable students to develop global competencies and life skills.

This is the implementation of the Academic Bank of Credit will revolutionise the higher education system of the nation. Now, it is the prime responsibility of the Higher Education Institutions to help actualize the ABC to the ground reality in order to ensure that the intended benefits reach the learners. The ABC, in my opinion, can be entrusted to the General Education Council - the fourth vertical under Higher Education Commission of India. ABC will go a long way in providing optimum opportunities to the learners in all aspects of learning and will thereby democratize higher education in the country.

(The writer is Vice-Chancellor, Central University of Punjab, Bathinda, and Chancellor, Akshaya CEE, Bhauriy, Sialkot Mandals. Views are personal.)



RACHANDHIRA P. TIVARI

ਕੇਂਦਰੀ ਵਿਵਿ ਨੇ 12ਵਾਂ ਸਥਾਪਨਾ ਦਿਵਸ ਮਨਾਏ

ਕੇਂਦਰੀ ਵਿਵਿ ਨੇ 12ਵਾਂ ਸਥਾਪਨਾ ਦਿਵਸ ਮਨਾਏ

ਕੇਂਦਰੀ ਵਿਵਿ ਨੇ 12ਵਾਂ ਸਥਾਪਨਾ ਦਿਵਸ ਮਨਾਏ

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ਸ਼ੀਯੂਪੀ ਕੇ ਟੂਰਨਾਮੈਂਟ ਵਿੱਚ ਪ੍ਰਧਾਨ ਅੰਗਰੇਜ਼ੀ ਸਮਾਜਿਕ ਫ਼ਾਰਮੇ ਫ਼ਾਰਮੇ ਫ਼ਾਰਮੇ



ਕੇਂਦਰੀ ਵਿਵਿ ਨੇ 12ਵਾਂ ਸਥਾਪਨਾ ਦਿਵਸ ਮਨਾਏ

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पंजाब केन्द्रीय विश्वविद्यालय
संस्कृतियों का मिलन बिंदु
विज्ञान दृष्टि धारण करके
विद्या की इस फुलवारी से
महके देश का प्रांगण सारा
ज्ञान विज्ञान का मधुर संगम
जीवन मूल्यों का सहारा
ये नवाचार का पाठ पढ़ाता
देश विदेश की समझ बढ़ाता
भावी पीढ़ी का यह निर्माता
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CUPB Newsletter Designed & Composed by:

Office of Public Relations, Central University of Punjab, Bathinda

Suggestions are welcome: cupnewsletter@gmail.com; pro@cup.edu.in

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