

CUPB NEWSLETTER

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ਪੰਜਾਬ ਵੇਂਦਰੀ ਯੂਨੀਵਰਸਿਟੀ

ਪੰਜਾਬ ਕੇਂਦਰੀਯ ਵਿਸ਼ਵਵਿਦਯਾਲਯ, ਬਠਿੰਡਾ

Central University of Punjab, Bathinda

EDITORIAL

The Central University of Punjab, Bathinda has got the 95th position among the Best University of our country in NIRF 2019 India Rankings. This achievement comes at a time when CUPB completed ten glorious years in the field of education and research. On the 10th Foundation Day Celebrations, honourable Chancellor Prof S.S. Johl appreciated team CUPB for commendable performance & guided our way forward towards excellence. He mentioned that, in just ten years, CUPB developed the national character with state of the art infrastructure. Still, there are many more opportunities to expand further and make CUPB ranked among best Universities across the world. The faculty and research scholars of University are working day and night to achieve our aim of producing new knowledge. Their hard-work & commitment has entitled us to attain the highest "h index" ranking, and best per capita research funding as compared to other newly established central universities.

In last six months, the University has organised different regional/national level academic programmes: National Symposium on Political Science and International Relations, Indo-European Seminar on Nuclear & High Energy Physics, National Workshop on India-East Asia Connections: Prospective and Problems, Outreach Symposium under the auspices of NASI, Regional Workshop on Bio-Diversity Laws, Multilateral Academic Exchange Programme with students of 17 countries, and various Invited Lectures Programmes from acclaimed academicians. During this tenure, CUPB conducted various refresher and training programmes for faculty members: National Workshop on Curriculum Design and Development, Refresher program on Plant Taxonomy, Phytogeography and Ecology, ICSSR Sponsored Capacity Building Programme for Social Science Faculty, Faculty Induction Program, Programme on Learning Outcomes, Teachers Training Workshop on Olympiads and others. Apart from this, the Teaching Learning Centre of CUPB has organised National Workshops under PMMMNMTT for six different disciplines: Political Science, History, Sociology, Environmental Sciences, Literature Studies, and Economics discipline.

The University conducted different co-curricular activities focused on developing moral values among youngsters: NSS Camps organised under Swachh Bharat Mission, Training Programme on Disaster Management. Awareness Programmes on special days (e.g. No Tobacco Day, Aids Day, World Cancer Day, etc.). The University aimed to nourish young minds to respect all religion, linguistic cultures, and to perform our duties as a responsible citizen by organising special programmes on various occasions: National Youth Day, National Voters Day, Vishav Hindi Diwas, Women's Day, Ambedkar Jayanti, Mother Tongue Day etc. To enhance student's outlook, CUPB organised lectures on Time Management, Right to Information, Career Workshop and other activities. The University has offered exposure to its students to interact with students from 17 different countries during Multilateral Academic Exchange Programme. Apart from all above, CUPB students showcased their mettle in various sporting events held during 7th Annual Sports & Athletics Meet, and cultural programmes organised during Foundation Week Celebrations to mark 10th Foundation Day.

Based on CUPB outstanding performance, the University Grants Commission has sanctioned nine new departments in addition to 21 existing departments which will result in further expansion of University. The international educational exposure to CUPB students has allured everyone to study in this vibrant campus and discover the genius inside them. As a result of high brand image, CUPB received more than 61000 applications through CUCET 2019 for admissions in 42 PG Level Programmes, and 28 PhD Programmes against 1228 total offered seats.

Now what is required is a consistent effort with an innovative approach to keep the momentum going, and move ahead towards par-excellence.

EVENTS ORGANISED

1st Dec 2018: CUPB NSS Wing conducted a Special Lecture Know Aids, No AIDS on World AIDS Day

Central University of Punjab NSS Wing has organised a special Lecture on “Know Aids, No Aids” on the occasion of World Aids Day. The keynote speaker of this Session was Mr Narinder Bassi who is UNAIDS Civil Society Awardee and State Awardee Community Aids Educator. Students from various departments attended the Lecture, Dr Deepak Chauhan, University NSS Coordinator, welcomed the guest and introduced the theme to the audience. Mr Bassi mentioned that “Youngsters always remain enthusiastic and generally get excited to do new things without checking their pros and cons in detail. On the contrary, matured persons consciously think and apply their wisdom before acting on any situation in life. He further stated four common mistakes by which HIV spreads i.e. unprotected sex, HIV Mother to the child, Sharing infected needle, Contaminated blood transfusion and Organ transplant. He urged the youth to learn the art of wisdom from matured persons to stay away from this virus and make their life progressive. Mr Robin Jindal, Public Relation Officer gave the vote of thanks.



Guest Speaker Mr N Bassi delivering lecture on Know Aids No Aids



CUPB Teachers and Students posing for a Group Photo with resource person Mr Narinder Bassi

22nd Dec 2018: CUPB Department of Mathematics and Statistics conducted one-day Seminar and Quiz Competition on National Mathematics Day



Mathematics Dept. Students posing for a Group Photography with Seminar Speakers

On the birth anniversary of The Great Indian Mathematician “Srinivasa Ramanujan” the Department of Mathematics and Statistics, Central University of Punjab celebrated “National Mathematics Day” with one-day Seminar and Quiz Competition on 22nd December. Keynote speakers of the Event were Emeritus Prof. A.K. Agarwal from Panjab University Chandigarh and Prof. M.S. Mahadeva Naika from Bangalore University, Bangalore. Students from various departments attended this event.

Dr Gauri Shanker, Head Department of Mathematics and Statistics welcomed the august gathering. He mentioned, in a short life-span of just 32 years Ramanujan Sir gave a vital contribution in the field of mathematics, which makes every Indian proud. Prof. Agarwal stated that without any formal mathematics training, Ramanujan made a substantial contribution to mathematical analysis, number theory, infinite series, continuous fractions and others. He became the youngest fellow of The Royal Society and Fellow of Trinity College, Cambridge. Prof. Naika gave a detailed talk on number theory provided by Ramanujan ji and mentioned about its usefulness in various fields. He also said that many foreign mathematicians adore Ramanujan Sir and considered him as Euler of India. Prof. (Dr.) R.K. Kohli, honourable Vice-Chancellor, Central University of Punjab mentioned that students should take inspiration from Ramanujan approach towards mathematics by thinking differently and doing constant research. After the Seminar, Quiz Competition and fun games related to mathematics were organised.

7th Jan 2019: CUPB TLC unveils National Symposium on Political Science and International Relations



Prof RK Kohli delivering presidential Address

Teaching Learning Centre at Central University of Punjab, Bathinda under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching has successfully organised the MHRD Sponsored five-day National Symposium on 'Philosophical and Methodological Foundations of Political and International Relations' from 7th to 11th January 2019. Participants from various states represented various disciplines registered in this Symposium and significantly contributed to the issues of teaching and learning. In the inaugural session Dr Sudheer Singh, Co-

coordinator Political Science and International Relations welcomed the audience and introduced the theme. Dr Aditya Ranjan Kapoor, Co-ordinator TLC, briefed about the objectives of Teaching Learning Centre and its contributions in developing processes for effective teaching. The keynote speaker of the event was Prof. Kuldeep Singh who is Consultant cum co-ordinator of All India Service Centre for Competitive Examination, Guru Nanak Dev University, Amritsar. In his brief address, he mentioned that Globalisation has changed the ways but not the nature of the market. He emphasised. Political science scholars should focus on finding out the real solutions to the fundamental research problems through research methodology rather than doing tautological research and restating the same thing in different ways. Honourable Vice-Chancellor, Prof. (Dr.) R.K. Kohli said, the development of our country should not be considered just on economic parameters but should include social value system as well. He stated Politics is a symbol of intellect. He expressed his



Faculty members from various institutions participating in CUPB TLC Workshop on Social Sci and Int Relations

vision that interaction and discussion in this symposium will help in laying down a useful teaching framework and authentic research in this discipline. Dr Bawa Singh, HOD Department of South & Central Asian Studies and Co-ordinator political sciences and international relations gave the vote of thanks.

10th Jan 2019: CUPB organised a lecture on World Hindi Day

On 10th January 2019, Central University of Punjab organised a special lecture on World Hindi Day under the auspices of committee of the official languages. The topic of lecture was State of Hindi Language in the World and its usage. The resource person of this program was Prof Jitendra Shrivastava, Hindi Faculty from Indira Gandhi National Open University, New Delhi. Prof. Shrivastava talked about the linkage of Hindi Language with Indian culture. He expressed his views on condition of Hindi Language. He mentioned that, Hindi Language is now recognised at the International Level and is being taught in more than 600 Universities across the world. Dr. Rajinder Kumar, Assistant Professor, Dept. of Hindi delivered Welcome Address in the beginning and extended Vote of Thanks in the end. Faculty, Staff members and students from different departments attended this program.



Prof Jitendra Shrivastava delivering Lecture on World Hindi Day

11th Jan 2019: CUPB organised extension lecture on Learning Outcomes



Prof Nirod Kumar Dash delivering Lecture on Program Learning Outcomes

Central University of Punjab's IQAC Cell & Department of Education organised an extension lecture on Preparation of Learning Outcome. Faculty members from various disciplines at Central University attended this Programme. Prof Nirod Kumar Dash, Prof. School of Education, IGNOU was the keynote speaker. Prof. S.K.Bawa, Director IQAC & Head, Department of Education, welcomed the

audience and introduced the Resource Person. Prof. Nirod Dash delivered a talk on Learning Outcomes with extensive coverage of how to prepare learning objectives and learning outcomes in different disciplines. He explained how to make programme learning objectives with examples taking from various disciplines. At the end Dr

Sesadeba Pany, Department of Education, extended the vote of thanks to all the faculty members and participants.

11th Jan 2019: CUPB CIL organised a workshop on GC-MS and Sample Preparation Technologies

Central Instrumentation Laboratory (CIL) - the division of the Central University of Punjab (CUPB), in collaboration with Tosvin Analytical Pvt Ltd and Shimazu India organised one-day Workshop on Gas Chromatography and Mass Spectrometer (GC-MS) Applications and Sample Preparation Techniques. Research Scholars and working professionals from different parts of the country registered in this workshop. During the inaugural session, Dr Raj Kumar, Incharge, CIL, briefed about the sophisticated high-end technology available at CIL, its facilities and achievements. This was



Mr Nitin Suryanshi delivering lecture on application of GC-MS

followed by the address of Prof. Ramakrishna Wusirika, Head, Department of Biochemistry and Microbial Sciences, who highlighted the importance of Instrumentation in research activities, especially from the biological perspective. Mr Nitin Suryanshi, Application chemist from the Shimazu, India gave a comprehensive presentation about the sample preparation and applications of SQ-GCMS and TQ-GCMS. Mr Mansoor Ahmad, Toshvin Analytical Pvt Ltd was the chief demonstrator on GCMS at CIL CUPB. Afterwards, participants were given hands-on training on instruments in Central Instrumentation Laboratory. The event was moderated by Dr Sumeer Razdan, Technical Officer, CIL CUPB. Post valedictory function, Dr JN Babu extended the vote of thanks.

12th Jan 2019: CUPB NSS Wing celebrated National Youth Day

Central University of Punjab NSS Wing celebrated National Youth Day by visiting Husseniwala Border at Ferozpur on the birth anniversary of Swami Vivekananda ji, During this visit, NSS Wing presented a pictorial of Swami Vivekananda ji to Indian Soldiers and witnessed Indo-Pak Retreat Ceremony. Program Incharge of NSS Wing Dr Deepak Chauhan



CUPB NSS Wing presenting a picture of Swami Vivekananda to Indian Soldiers

mentioned the objective of this trip is to teach students about the efforts made by our freedom fighters to get independence, and to inculcate the feeling of nationalism among

them. Dr Preeti Khetarpal, Ms Shweta Arora, Mr Narinder Bassi and NSS Volunteers along with students from various departments, participated in this program.

15th Jan 2019: CUPB Placement Cell organised Career Workshop

Placement Cell at Central University of Punjab has organised a Career Workshop for their students with Mr Arun Mahajan as resource person from Berlin, Germany. Students from the various department attended this workshop. Ms Shweta Arora, Placement Cell Convener welcomed the audience and introduced the trainer. Mr

Mr Mahajan in his interactive training session shared his working experiences with top brands of IT & eCommerce sector in India, Singapore and Germany. He dwells on interview preparation. He informed participants, that focus, technical knowledge of the job, presentation skills, and enthusiasm are the key secrets to crack any interview. He emphasized students should keep a long term goal for life, break it down in small goals and start working on it. He



Mr Arun Mahajan addressing participants during Career Workshop

He motivated them to stay away from distractions and choose the job in which they are interested. CUPB students actively participated in this career workshop.

22nd Jan 2019: CUPB NSS Wing organised Quiz and Declamation Competition on National Voters Day

In order to encourage young voters to participate in the Indian electoral process, Central University of Punjab, Bathinda celebrated National Voter's Day on 25th January 2019. The event started with the National Voter's day pledge was administered by Dr Punnet Pathak. Students, Staff and Faculty members participated in this program. On this occasion, University's NSS Wing also organised a Declamation and Quiz Competition. A total of 9 students participated in Declamation Competition and presented their thoughts on "No voter to be left behind" and 12 teams from various departments took part in Quiz Competition on National Voters Day. Mr Ashish (Department of Computation Sciences & Team of Department of Computation Sciences stood first in Declamation and Quiz Competition respectively.

26th Jan 2019: CUPB organised Republic Day Celebrations

The 70th Republic Day of India was celebrated at the main campus of the Central University of Punjab in village Ghudha, District Bathinda with a great deal of patriotic zeal, fervour and gaiety on January 26, 2019. The programme begins with the inspection of the parade by honourable Vice-

Chancellor Prof. R.K. Kohli. The Flag Hoisting Ceremony was followed by the singing of the National Anthem. Vice-Chancellor, Prof. R.K. Kohli in his address highlighted University's achievements and motivated everyone to work hard for success. The events that followed include a beautiful piece of patriotic Hindi Songs and poetry recitations by University Students. At this occasion Dean Academic Affairs, Prof. P. Ramarao spoke that all of us should work for the communal harmony and development of our society. Thereafter, an astonishing dance performance by students enthralled the audience. Prof. V.K. Garg, Dean Students Welfare, energized students to act as a responsible citizen by utilizing fundamental rights and obeying our fundamental duties. Registrar Prof. Jagdeep Singh gave the vote of thanks. All the University students, teaching and non-teaching staff members along with their families attended this function.



VC Prof Kohli addressing the gathering



CUPB VC Prof Kohli and others with National Flag

28th Jan to 6th Feb 2019: CUPB School of Education Organised 10 Day National Workshop on Curriculum Design and Development

Centre for Curriculum Research, Policy and Educational Development at Central University of Punjab's School of Education organized the "10-Day National Workshop on Curriculum Design and Development" at their premises. The aim of this workshop is to strengthen the teaching-learning skills of faculty and to impart them sound knowledge on the basis to design the curriculum. This



Prof. K Ramachandran delivering Keynote Address

workshop was sponsored by MHRD & was organized under Pandit Madan Mohan Malaviya National Mission on Teaching and Learning (PMMMNTT). Faculty members from different states across India participated in this workshop. The keynote speaker of the inaugural session was Prof. K. Ramachandran from NIEPA, New Delhi. Prof. Ramachandran in his address, defined curriculum as the totality of teaching experience we provide to students in a university. He spoke, our approach to curriculum design will change when we seek solutions to real-life problems. He motivated young faculty members to adopt

innovative teaching methodologies & set goals to become proficient faculty, expert faculty and masters faculty in their subjects. Prof. S.K. Bawa, Head Department of Education, presented program report and extended vote of thanks to participants.

29th Jan 2019: CUPB Exhibit PM's Pariksha pe Charcha

Central University of Punjab showcased the second edition of Prime Minister's Pariksha pe Charcha Programme to their students by using multiple screens set-up. Total Six Venues were fixed to exhibit PM's talk with students. More than 250 students and 50 faculty members witnessed this show LIVE at Library, Seminar Hall, Computer Centre, Academic Block Reception, & Computer Lab. Honourable Vice-Chancellor Prof. R.K. Kohli & Registrar Prof. Jagdeep Singh viewed complete discussion along with staff members at University's Conference



CUP VC Prof RK Kohli along with CUP Faculty and Staff watching PM Pariksha Pe Charcha 2nd Edition

Room. 42 students and 6 faculty members from Bathinda College of Law also witnessed this telecast at Central University of Punjab. During the entire schedule, Students paid full attention and felt motivated after listening to PM's address. Youngsters also wrote down tips on how to deal with depression, exam pressure & effective use of technology given by PM.

4th Feb 2019: CUPB observed World Cancer Day



CUP NSS Volunteers displaying charts with special messages on World Cancer Day

Under the guidance of Vice-Chancellor Prof. R.K. Kohli, Central University of Punjab's NSS Wing observed World Cancer Day. On this occasion, a "Cancer Awareness Walk" was organised in order to raise the awareness of cancer and to encourage its prevention, detection and treatment. Around 60 students & faculty members from various departments participated in this event to spread awareness of creating a future without cancer. At the start, NSS Wing Program Officer Dr Monisha Dhiman gave a brief introduction about the event. Further, NSS Volunteers displayed charts on how to fight cancer through regular screening and early detection, through healthy eating and physical activity, by quitting smoking and by spreading its awareness among peer groups. Thereafter, Cancer

Awareness Walk was conducted with the slogan of “I am and I will” calling for everyone’s personal commitment to help reduce the global burden of cancer.

4th to 8th Feb 2019: CUPB TLC Holds National Workshop on Sociology

Teaching Learning Centre at the Central University of Punjab, organized MHRD Sponsored five-day national workshop on “Explorations in Domains of Indian Sociology’ under under P MMMNMTT from 4th to 8th February 2019 in their premises. The objective of this workshop is to enhance the teaching potential of young faculty members. Outreaching the other higher educational institutions, the program was also actively attended by faculty members from different institutions from Bathinda and nearby areas. The keynote speakers included the eminent personalities in the field of sociology like Prof T.K. Oommen, Prof Nathu Ram and others, who came from various parts of the country & shared their perspective on “Indigenization of Sociology: Methodological Prospects and Challenges”.



Participants posing for a Group Photo with Prof TK Oommen and Prof Nathu Ram during the Workshop

7th Feb 2019: CUPB Department of Physics organised Indo European Seminar

Department of Physical Sciences at Central University of Punjab organised an Indo-European Seminar on Nuclear & High Energy Physics in University Auditorium. The objective of this seminar was to nurture young minds towards Nuclear & High Energy Physics. Candidates from various institutions attended this workshop. The keynote speakers



CUP VC Prof RK Kohli addressing the gathering

included eminent personalities from India, France and Germany. Dr S.K. Mahapatra

Head, Department of Physical Sciences welcomed the audience, introduced Seminar’ theme and

explained the applications of machine accelerators in different fields such as medical sciences, forensic sciences, space technology etc.

In his presidential address, Vice-Chancellor Prof R.K. Kohli emphasized the requirement of research in the field of Nuclear and High Energy Physics so that it can play an important role in our day to day life. Prof. Yvonne Leifels, from GSI Germany, gave a brief introduction about GSI accelerator, located in south-west Germany. She gave a presentation on super heavy elements and spoke on the latest research on treating tumours with energetic heavy ions. She told about the Summer Student Program at GSI and encouraged to apply for the same.

Prof. Christoph Hartnack, University of Nantes France, presented the basic idea of Nuclear Equation of States as a thermo dynamical concept and focus on the description of nuclear matter under extremely high energy conditions. Prof. Paolo Napolitani from University of Paris-Saclay, France talked about Dissipative nuclear collisions. He spoke on different types of instabilities, acting on the

surface or in the volume of the system. In his talk, he also explained multi-fragmentation, dynamical fission, neck fragmentation, or proton-induced spallation in heavy ions.



CUP Students posing for Group Photo with Keynote Speakers of Indo European Seminar

Prof. Sandeep Kansal from MRS PTU Bathinda spoke on positive and negative health effects of natural radiations

produced by radioactive elements on living beings. Dean Academic Affairs Prof. P. Ramarao, appreciated the department's effort and mentioned that discussion perused throughout this seminar will yield good results. He motivated the participants for joint experiments and collaborative research with the institutes of Germany and France. All the participants felt enlightened after attending this workshop.

8th Feb 2019: CUPB Organised special lecture on Time Management

To enhance the administration skills of their faculty and staff members, Central University of Punjab has organized a special lecture on Time Management. Jawahar Lal Nehru University's Controller of Examination Dr Hanuman Sharma was the resource person for this program. Around 40 employees and senior administrative persons



Dr Hanuman Sharma delivering lecture on Time Management to CUP Employees

attended this program. The Registrar of University Prof. Jagdeep Singh welcomed the participants and introduced the Guest Speaker. Dr Hanuman Sharma spoke about the importance of time management in the daily life routine. By referring to his experiences in the Indian Army, he mentioned everyone gets the same amount of time in a day but those who are focused, passionate for their work and set time goals to complete tasks could achieve better results in life. In order to enhance the productivity of the office, he recommended the adoption of strategies like Work & Play, Do & Delegate, Say No for tasks that are not possible, Tasks Prioritization etc.. He stressed that everyone should prepare and work as per Daily To-Do List. He stressed, that we should respect each other and work together towards the organizational vision and mission. He urged all to give proper time to their families and maintain a balanced in personal and professional life. Everyone enjoyed this interactive session and felt motivated.

11th Feb to 12th Mar 2019: CUPB School of Education conducted one-month Faculty Induction Program

Central University of Punjab's School of Education conducted MHRD sponsored, one-month Faculty Induction Programme. This Program was conducted under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching. from 11th February to 12th March 2019. Its objective is to train the young faculty members. Newly joined faculty members from different colleges and universities comprising 6 states registered and participated in this programme

The keynote speaker of the Inaugural Session was Pro-Vice-Chancellor of Mizoram University Prof. R.P. Vadhera. He highlighted the influence of global higher education trends on Indian higher education system and spoke on the relevance of such an Induction Program in shaping young faculty members. Head of Education Department and Director IQAC, Prof. Surinderjit Bawa presented Program Summary Report during the valedictory session. She mentioned that a total of 35 experts took 76 sessions during this 1 month-long Faculty Induction Program. University's Registrar Prof Jagdeep Singh complimented the participants for their active participation and congratulated organising team on the program's success. In his Presidential Address, Honourable Vice-Chancellor Prof. R.K. Kohli expressed that learning of this program will certainly help participants in enhancing their teaching skills. He mentioned that a good teacher should be able to map the abilities of their students, use adequate teaching methodologies and follow the professional code of ethics. He encouraged teachers to keep themselves updated on the latest trends and disseminate knowledge among youngsters. On the completion of the program, participants were awarded certificates.



CUPB VC Prof RK Kohli addressing the gathering



Faculty Induction Participants posing for a Group Photo

13th Feb 2019: Department of Physical Sciences at CUPB organized a special program to commemorate 125th Birth Anniversary of Prof. M.N. Saha



Prof. Ahluwalia delivering the Keynote Address\

To commemorate the 125th birth anniversary of eminent Indian Physicist Prof. M. N. Saha, Department of Physical Sciences at the Central University of Punjab organised a special program. On this occasion, a film was exhibited in the life and work of Doyens of Indian Physical Science, a quiz competition was conducted, and a special guest lecture was organized. The keynote speaker of the event was Prof. P.K. Ahluwalia from H.P. University, Shimla. The objective of this program was to celebrate the research contributions of Prof. M. N. Saha in Indian Science. The students, research scholars and faculty members from physics, mathematics and chemistry attended this program.

Head, Department of Physical Sciences Dr S.K. Mahapatra welcomed the guests and introduced the program theme. Dr Ashok Kumar presented an overview of the life and work of Prof. M. N. Saha. A film on the life and work of Doyens of Indian sciences was presented. Afterwards, on the spot quiz competition was conducted based on the film. The students have actively participated in the quiz. The keynote speaker of the event, Prof. P. K. Ahluwalia, talked about the Nobel Prize Winner German Physicist, Albert Einstein role to bring Indian Scientist including M.N.Saha in the limelight. He mentioned that Saha's biggest contribution to the field of astrophysics is the Saha ionization equation, which relates to the ionization state of an element to the temperature and pressure. He further communicated; Saha was the first scientist to relate a star's spectrum to its temperature, developing thermal ionization equations that have been foundational in the fields of astrophysics and astrochemistry. The speaker encouraged students to take inspirations from the life of Prof. Saha who struggled to rise in life due to poverty before becoming the professor of Physics at Calcutta University.

16th Feb 2019: CUPB Organize Health Talks & Free Check-up Camp

The Central University of Punjab organized a Health Talk and a Free Health Check-up Camp on 16th February 2018 at its premises. The objective of this program was to spread health awareness among youngsters. The resource persons of this program were Specialized Doctors from Ivy Hospitals, Bathinda. Students and faculty members from various departments participated in this event. NSS Program In-charge Dr Monisha Dhiman and University's Medical Officer Dr Antriksh Gupta welcomed the guests and introduced Program theme. Mr Ajay Bhatt, Regional Head IVY Hospital introduced his team of doctors to the audience and invited them on stage to share their expertise. Dr Nishu Sethi, MD Gynecologist shared essential tips related to personal hygiene, which a woman needs to take care during periods. Dr Surabhi shared Dos &



Dietician Rajinder Kaur sharing Tips for Healthy Diet

Don'ts that we need to follow while giving First Aid Treatment to a patient. Dietitian Rajinder Kaur stressed one should take a proper dose of a balanced and healthy diet in a day that constitutes fruits, green vegetables, salads and dairy products. She further suggested taking diet on regular intervals and consuming in small portions at one time. Orthopedic Surgeon Dr Mohit Garg, highlighted the sedentary lifestyle as the common cause of back and neck pain among youngsters. He recommended we should do regular exercise and sit in straight posture while doing our work. Post Health Talk, participants took benefit of Free Health Checkup Camp.

19th to 20th Feb 2019: CUPB Organize 7th Annual Sports & Athletics Meet



CUP Hon'ble VC and Registrar releasing balloons during Inaugural Ceremony of 7th Sports Meet

To mark the sportsman spirit, Central University of Punjab concluded two-day 7th Annual Sports & Athletics Meet with full zeal and enthusiasm at CUPB City Campus. The program began with the Flag Hosting Ceremony and declaration of the Opening of 7th Sports and Athletic Meet by Vice-Chancellor Prof. Kohli. In the inaugural ceremony, 50 meters girls race and 100 meters boys race were conducted.

This two-day sports meet included various sporting events like 100 m, 200 m, 400 m race, Shot Put, Discus Throw, Long Jump etc. Sports committee at CUPB also organised various fun activities like Back Race, Three Leg Race, for students, faculty and staff members. More than 500 students from different departments participated and showcased their mettle and sportsmanship while competing in multiple games. The Chief Guest of the Closing ceremony was Arjun Awardee Boxer Shri. Jatinder Kumar who represented India in 2000 & 2004 Olympics.

Boxer Jatinder highlighted struggles of Indian Heavyweight Boxer Capt. Hawa Singh and Indian Hockey Player Dhanraj Pillay in their early life before they achieve success. He motivated youngsters to stay focused on their goals and adopt a disciplined approach

in life to achieve their targets. Vice-Chancellor Prof. R.K. Kohli encouraged students to take sports in their daily lifestyle to keep healthy and stay fit. Further all the dignitaries awarded the winners.



Athletes participating in Race



CUPB Students participating in Short Put Game



Hon'ble VC Sir and Registrar Sir Feliciting Chief Guest Boxer Jatinder Kumar

21st Feb 2019: CUPB celebrated International Mother Language Day

Central University of Punjab celebrated International Mother Tongue Day with great enthusiasm and zeal. More than 50 students [participated and presented linguistic richness and diversity of India through art and cultural programs in 15 plus Indian languages. The university has students from across 27 states of India and is also called as Mini India of this region.

Dr Shahila Zafar gave the welcome address and Dr Rajinder Kumar introduced the program theme. Various performances were presented in the form of Poems, Songs, Dance, Gazals and Speeches by students in Punjabi, Bhojpuri, Kashmiri, Dogri, Khasi, Hindi, Malayalam, Himachali, Haryanvi, Oriya, Assamese, Telugu, Tamil, Rajasthani and Bangla.



CUP Students performing during Int. Mother Language Day Celebrations

22nd Feb 2019: CUPB organised Rangoli and Best out of waste Competition



Chief Guest Dr Kumkum Kohli witnessing Best out of Waste Exhibition

As a part of Foundation week celebrations, CUPB organised Rangoli and Best out of Waste Competitions. Around 110 students from different departments registered and exhibited their artistic skills by preparing magnificent Rangoli on the theme of “Gender Equality and Environmental Sustainability”. Approximately 65 students took part in Best of Waste Competition and showcased their creativity with impressive home décor items, handbags and accessories. Dr Kumkum Kohli graced the occasion as the chief guest. Dr Kohli delightfully witnessed all rangoli artworks and best out of

waste concepts. She said, all the participants have got immense talent, and everyone deserves appreciation for showcasing innovative ideas. Spectators liked the Rangoli

Presentation and availed the opportunity to purchased Goods prepared with waste materials.

23rd Feb 2019: CUPB organised Food Carnival

Central University of Punjab organised a Food Carnival at their sports ground on the third day of their weekly celebrations to mark its 10th Foundation Day. More than 225 students participated and exhibited their cookery talent in Food Carnival. Deputy Commissioner's Wife Mrs Anita Bhardwaj and Dr Kumkum Kohli graced the occasion as chief guest. Total of 35 teams put their stalls and served different flavours from all across the country. Chief Guests, along with other Judges, visited every booth and tasted mouth-watering delicacies freshly prepared by the students. Mrs Anita Bhardwaj said that this food carnival showcased the varied taste of India as students from 28 states presented authentic cuisine of their region. She appreciated the team spirit and coordination students showcased at each stall and congratulated the Organisers. Dr Kumkum Kohli liked the preparation and presentation of food items. She mentioned that students showcased innovative recipes which are hygienic, healthy as well as palatable. Some of the exclusive food items in this carnival were Poovada, Gulgula, Mirchi Pakoda, Churu Muru, Handi Chicken, Fish Pakoda etc. This carnival also includes some unique mouth-watering beverages like Amla Lemonade, Kulki Sharbat, Tandori Chai, Chate di Lassi. University Students, faculty and staff members along with their families and friends, visited this food fest and enjoyed the delicacies.



Chief Guest Mrs Anita Bhardwaj and Dr Kumkum Kohli at CUPB Food Carnival Judges interacting with stall owners during Food Stall Visit

18th to 24th Feb 2019: CUPB NSS Wing organised 7 Day Camp at Village Kartar Singhwala

The NSS Wing of the Central University of Punjab conducted a Seven-Day awareness Camp at Village Katar Singhwala, district Bathinda from 18th to 24th February. The camp aimed to create awareness about higher education, health and hygiene issue. During this camp, various programs were executed by NSS Volunteers under the theme of Hygiene Awareness, Road Safety, Save Animals and Pollution free Environment. Also, a special program was organised on Drug de-addiction & Beti Bachao Beti Padhao. The attraction of the program was Street Play and a special

guest lecture. More than 70 villagers including Sarpanch of Village the participated. The chief guest of this program was a well known Social Activist, Mr Narinder Bassi who has been awarded by the UN AIDS Civil Society and the State Government for his social work. Mr Bassi encouraged parents to spend time with children and keep a watch on them. He motivated young girls to focus on their education and build a bright career. Sarpanch of Kartar Singh Wala Mr Hemraj expressed his gratitude and mentioned that such camps provide an opportunity for personal and social development.



Chief Guest Mr Narinder Bassi interacting with Villagers in CUP NSS Camp

25th Feb 2019: CUPB organised Inter Departmental Quiz Competition



Judges asking Questions to CUPB Students during Quiz Competition

The Central University of Punjab organised an interdepartmental Quiz Competition at their Auditorium on the fifth day of their weekly celebrations conducted to mark its 10th Foundation Day celebrations. After participating in fun games like Beyond the brush, pot painting, face painting and Blind Spot held on Sunday, a total of 9 teams from different departments challenged each other in Quiz Competition on Monday. More than 150 students came to witness this event and supported their favourite teams.

Dr Sumedha Dutta welcomed the participants and briefed the rules of interdepartmental Quiz Competition. Quiz Master Dr Puneet Pathak anchored the show and asked various questions related to History, Geography, Science, Art and Culture, Polity and Law, Cinema, Sports and Current Affairs. The questions which were not answered correctly by respective teams got passed on to other teams with an opportunity to make additional points. Separate questions were asked to the audience in between rounds, and those who gave the right answers were rewarded with a gift. Top four teams out of nine competed with each other in the final round. The team from the Department of Environment Science and Technology showcased their intelligence and stood as Winners of this quiz competition. The teams from the Department of Geography and Geology and Department of Languages and Comparative Literature stood second and third respectively. Dr Kiran K Singh, Dr Jubilee Padmanabhan, Dr Aditya and Mr Robin Jindal coordinated the event with the help of student volunteers. The event proved to be informative and enjoyable for everyone present in the auditorium.

26th Feb 2019: CUPB Organised Song dance and choreography competitions

The Central University of Punjab organised an interdepartmental Song, Dance and Choreography Competition on the sixth day of their weekly celebrations conducted to mark University's 10th Foundation Day. Around 225 students from different departments displayed their



CUP Girl Students performing Gidda

showcased. In Choreography competition, Participants exhibited artistic notions on Drug Addiction and Women Empowerment, Father's Love, The transition of India Cinema, The Great Emperor Ashoka and unique themes.

musical and frolic skills. More than 500 students came to witness this event and supported their favourite teams. There were around 26 singing performance, 24 dance presentations and 6 choreography art demonstrations in this colourful program. The audience enjoyed the melodious lyrical and instrumental performance in different Indian Languages. In Group dancing completion, various Folk dances were

27th Feb 2019: CUPB Organised Ek Bharat Shreshtha Bharat



CUP Students presenting Indian Folk Dance

University Dr S.S. Johl along with Vice-Chancellor Prof. RK Kohli and Registrar Prof. Jagdeep Singh graced this event. More than 500 students came to witness this event. Around 15 teams from various departments dazzled the stage and exhibited cultural uniqueness of different states by their dance, music, art and folk art. Special folk dance performances of this program were Natti from Himachal Pradesh, Jhumar from Haryana, Kuchipudi from Andhra Pradesh, Kajri Folk from Bihar, Sambalpuri Folk from Orisa, Bhangra from Punjab, Gambhira. Chhau dance from West Bengal, Jodha from Uttrakhand, Bihu from Assam, Ghoomar from Rajasthan, Oppana from Kerala, Vattaputtu from Lakshadweep, Dabang Kuttu from Tamil Nadu and Tribal dance from Karnataka and a special football dance performance from Goa. Chancellor Dr Johl appreciated the quality of performances and said this program truly defines the unity in diversity of our nation. The audience mesmerised with the unique cultural demonstrations of different states of our country and enjoyed the show.

To showcase various cultural activities of different states of our country, The Central University of Punjab organised an Ek Bharat Shreshtha Bharat program on the seventh day of their weekly celebrations conducted to mark University's 10th Foundation Day. More than 150 students from different departments displayed their regional culture of

different states of India with their lyrical and frolic skills. Chancellor of

28th Feb 2019: CUPB celebrated its 10th Foundation Day

On the completion of 10 glorious years in education and research, Central University of Punjab celebrated their 10th foundation day on 28th February with a special program at their B.R. Ambedkar Auditorium, City Campus, Bathinda. The chief guest of this program was the honourable Chancellor of the University Prof S.S. Johl who is an internationally acclaimed Agriculture Economist, Policy Advisor and Padam Bhushan Awardee. All Faculty, Staff members and students participated in this grand celebration.



CUP Chancellor Prof SS Johl addressing audience on 10th Foundation Day

The program started with a welcome address by Vice-Chancellor Prof. Dr R.K. Kohli. He shared a report of the university's progress in the last 10 years. He exhibited University's Documentary prepared by students of mass communications and media studies department. He mentioned that the university is accredited "A Grade" from NAAC and is credited as highest per capita research funding university among newly established central universities. In his presidential address, Chancellor Prof Dr S.S. Johl congratulated everyone on 10th Anniversary of Institute and appreciated the progress of university in last 10 years under the leadership of founder Vice-Chancellor Prof Jai Rup Singh and current Vice Chancellor Prof. Kohli. He conducted a SWOT Analysis of the university and mentioned that this university is very young; it has a national character, state of the art infrastructure and many opportunities to expand further. He urged youngsters to serve society and act as a nationalist by keeping our country ahead of our religion. Vice-Chancellor Prof Kohli presented a draft of CUPB Decadal Report to Chancellor Prof. S.S. Johl. During this program, best teaching & non-teaching staff awards, students awards, researcher awards etc were given during this program.



CUPB Students performing Punjabi Folk Dance



Unity in Diversity Programme Participants posing for a Group Photo with CUPB Authorities

1st Mar 2019: CUPB organised Workshop on RTI Act 2005

Aiming to sensitise youth about provisions of RTI Act, Central University of Punjab organised a one-day Workshop on Right to Information Act 2005. This workshop was sponsored by State Information Commission and coordinated by Mahatma Gandhi State Institute of Public

Administration Punjab (MGSIPA), Regional Centre, Bathinda. In this program, the students were made aware of the RTI Act and its importance in the democratic country. About 80 students and senior faculty members participated in it.



Sh Jarnail Singh from MGSIPA addressing the gathering

On this occasion, Registrar Prof (Dr) Jagdeep Singh said, the RTI Act is a valuable tool to empower the people in a democracy besides bringing about transparency & accountability in administration at all levels. Sh. Jarnail Singh, Course Director (RTI) MGSIPA Chandigarh-cum- Regional Project Director, MGSIPA Regional Centre Bathinda highlighted the importance of RTI Act, 2005 training programmes. The program consisted of 4 sessions. The first session dealt with

Preliminary Aspects of RTI and three-tier mechanism under the Act, the Second session defined working of Central and State Information Commissions. In the third session and Provisions of the RTI Act was discussed, followed with a panel discussion in the fourth session.

5th Mar 2019: CUPB organised two week refresher program on Plant Taxonomy, Phytogeography and Ecology

The Central University of Punjab, Bathinda organised two-weeks refresher programme on Plant Taxonomy, Phytogeography and Ecology in their campus. This programme is supported by three premier science academies of our country, viz., Indian Academy of Sciences, Bangalore, Indian National Science Academy,



Prof. Raghavendra Rao delivering Keynote Address

New Delhi and National Academy of Sciences India, Allahabad. World-renowned plant taxonomist and academy fellow, Prof. Raghavendra Rao from Bangalore together with Prof. R. K. Kohli, Vice-Chancellor, Central University of Punjab, inaugurated this refresher programme. Prof. R. Rao mentioned that although Plant Taxonomy is of crucial importance to all sciences, there is a huge dearth of trained taxonomists in the country. He added that traditional Taxonomy and modern molecular systematics are not contradictory, rather synergistic. Modern methods such as DNA barcoding will greatly help to reveal variants of species. A large number of outstation faculties from various colleges and universities in India attended this program. In this programme, participants got hands-on training on the usage of several high-end types of equipment available in the Central

University of Punjab, including Confocal Laser Scanning Microscope, Electron Microscope and DNA Sequencing.

7th & 8th Mar 2019: CUPB organised National Workshop on India - East Asia Connections

Central University of Punjab's Department of Economics successfully conducted the two-day national conference on the theme Revisiting India – East Asia Connections: Problems and Prospects on 7th and 8th March at their premises. Indian Council of World Affairs, New Delhi sponsored this



CUPB VC Prof RK Kohli launching Souvenir Book along with other guests

Conference. Prof Rajaram Panda, Lok Sabha Research Fellow, Parliament of India was the chief guest of the inaugural session. Prof Lakhwinder Singh from Punjabi University Patiala was the keynote speaker of this event. The chief guest of the Valedictory Session was Prof D.K. Madaan,

HoD Social Sciences Punjabi University. The souvenir book was unveiled by University's Vice-Chancellor Prof (Dr) R.K. Kohli in the presence of distinguished guests. As per organizing secretary, Dr Sandeep Kaur 66 research scholars from 9 states presented their research papers on various subjects during this conference. Students from different colleges from Bathinda and nearby towns attended this mega-event.

The Keynote speaker Prof Lakhwinder Singh expressed his views on India's development experience with East Asian countries and focused on essential factors - investment in, economic infrastructure, inclusive growth opportunities and work accountability. Prof R.Panda spoke about the long cultural ties that India possesses with Asian Countries like China, Japan, Vietnam etc. He stated that GDP is just one perimeter to the development of a nation. Other factors like happiness index ease of work and future growth of the economy should be considered. Prof D.K. Madaan said India's Act East Policy is need of the hour to encourage free trade and maintain peace in the region in the current global scenario.

8th Mar 2019: CUPB organised a special Talk with Prof Nancy from US on Int Women's Day

Central University of Punjab celebrated International Women's Day and organised with a special talk with Prof Nancy D. Erbe from California State University, Dominguez Hills, United States. She is a 2019 Fulbright-Nehru Fellow and Specialist in Conflict Resolution and Peace in Asia: Issues and Challenges. Female members of Faculty and Staff attended this interactive session. In her Keynote

address, Prof Nancy mentioned that the soul of India is feminist and this country is the perfect place to celebrate their sweetness. While describing the state of women, she said, till the 18th century, in US women and child were a puppet as well. However, with the awareness of Women's Rights and the adoption of smooth Complaint Resolution system by the government, the condition of women improved a lot. She described that women across the world suffer a lot because of domestic violence, but women in the US do not tolerate this and files complaints among the culprits.

She gave the reference of Smt. Indira Gandhi the first woman Prime Minister of India, Smt Pratibha Patil the first women President of India, Ms Kalpana Chawla the first Astronaut from Indian origin to go on space, Smt Mother Teresa the first Indian women to win Nobel Peace Prize, Justice M Fathima Biwi the first female judge appointed by Supreme Court of India, Ms Mary Kom the first Indian women boxer who won the gold medal in Asian Games, Ms Arati Saha the first Indian women to swim across the English Channel and applauded the achievement of Iconic Indian Women who build their name in different fields. She concluded the discussion with a message that women need to raise voice against all kinds of discrimination and should stand for their rights.

15th Mar 2019: CUPB Dept of Languages and Comparative Literature organised an awareness lecture on "Semiotics of Literature Discourse"

Central University of Punjab's Department of Languages and Comparative Literature, organised an Invited Lecture by Prof. Harjeet Singh Gill, Professor Emeritus, Jawaharlal Nehru University, New Delhi. The topic of the Lecture was 'Semiotics of Literary Discourse.' Dr Alpna Saini welcomed the guests and Dr Zameerpal Kaur gave an introduction about the research and academic works of Prof. Gill. During his lecture, Prof. H. S. Gill said that the study of literature in its true form is the need of the hour. In contemporary times, it was perceived that literature presents the social, political or economic reality, but this assumption is not fully true. While teaching about the study of literature, Prof. Gill said that it is very important to spend time with the text, because each text has multiple layers which can be deciphered only with close textual analysis and by giving focused attention to the text. He told, that many times translators are unable to do justice to the original text because they did not pay attention to the discourse of the text. Students, Research Scholars and the Faculty of different departments of the university attended this program.



Prof HS Gill delivering keynote address

16th & 17th Mar 2019: CUPB organised Regional Workshop on Bio-Diversity Laws

The Central University of Punjab successfully culminated two-day Regional Workshop on Biological Diversity Laws. The theme of the workshop was, "Strengthening Human Resources, Legal Frameworks, and Institutional Capacities to implement the Nagoya Protocol". This training program was organised by United Nations Development Program (UNDP) in collaboration with National Bio-Diversity Authority (NDA) and National Law School of India University (NLSIU), Bengaluru under the UNDP-GEF (Global ABS Project). The objective of this workshop was to

understand - 1. The reasons for Conservation of Bio-Diversity (CBD) and Sustainable Development, 2. Steps taken at International Level for CBD, 3. Explain Steps taken by the Indian Government to ensure CBD by incorporating principals of international environmental law and 4. To demonstrate the idea of fair and equitable sharing of benefits arising from the utilization of resources. Above 180 participants comprising faculty members and students from Punjab, Haryana, Rajasthan and other

states registered in this programme



CUP VC Prof RK Kohli addressing the gathering

The keynote speaker of the Inaugural Session Prof Sairam Bhat from NLSIU, Bengaluru talked about the importance of Conservation of BioDiversity. He said, India is not only diverse in cultures and languages but is also a

Bio-Diversity Hot Spot on World Map. CUPB's Vice-Chancellor Prof R.K. Kohli in his presidential address presented a brief account on the rich biological diversity of our country. He referred to deforestation, pollution, intrusion of exotic plants in domestic soil and over-exploitation of medicinal plants as the main causes responsible for our bio-diversity degradation. Faculty members and students from various institutions attended this program.

18th to 24th Mar 2019: CUPB NSS Wing organised seven-day Awareness Camp at Jassi Pau Wali Village

The NSS Wing of the Central University of Punjab organised a seven-day awareness camp at Jassi Pau Wali in the district Bathinda. The camp aimed to create awareness about higher education, health and hygiene issue. The theme on the first day was "Clean India, Green India". Dr Ramanpreet Kaur, Programme Officer, NSS Cell CUPB and Mr Sukhnaib Singh welcomed the participants. During one-week, various programmes and events were organized under with Hygiene awareness, Road Safety, Beti Bachao Beti Padhao, Save animals, birds and Natural Survival techniques, pollution-free Environment and Drug de-addiction.

18th to 22nd Mar 2019: CUPB TLC organised one-week National Workshop on Pedagogical Issues in Teaching Poetry

The Teaching-Learning Centre (TLC) at the Central University of Punjab organized another one-week national workshop on "Pedagogical Issues in Teaching Poetry: Challenges and Prospects". This workshop was sponsored by MHRD and organised under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching. from 18th to



22nd March 2019. The objective of this workshop is to

Prof K M Pandey addressing the participants during the workshop

enhance the teaching potential of young faculty members. Outreaching the other higher educational institutions, the program was also actively attended by faculty members from different institutions from Punjab, Haryana, Chandigarh, Rajasthan, West Bengal, U.P., M.P., Odisha and Meghalaya. The resource persons of this workshop included the eminent personalities in the field of Poetry and Literature from various parts of the country who shared their perspective on “Pedagogical Issues in Teaching Poetry”.

25th to 29th Mar 2019: CUPB TLC organised two National Workshops in Environment Science and Economics Discipline

The Teaching-Learning Centre (TLC) at the Central University of Punjab, successfully organised two different one-week national workshops on Economics & Environment Studies discipline from 25th to 29th March 2019. These workshops were sponsored by MHRD and organised under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching. The objective of both these workshops is to enhance the teaching and learning potential with a multidisciplinary approach. Total of 60 candidates representing various institutions from 9 states participated in these workshops. These workshops brought together subject experts and faculty members from all over the country to discuss issues related to the domains of economy, society and environment.

The workshop in Economic discipline was held on the theme ‘Indian Economy and Society in the 21st Century’. It started with the keynote speech of Prof Sukhpal Singh from IIM Ahmedabad and Presidential address of Prof Sucha Singh Gill from Punjabi University Patiala. Dr Naresh Singla, the convener of this workshop mentioned, that it had provided a platform to discuss various aspects of Indian Economy and analyse its future potential.

The workshop in Environmental Science discipline was conducted on the theme of “Recent Advances in Environmental Studies.”. The keynote speakers of concluding the day in this workshop were eminent scientists Prof. R K Kohli, and Prof. VK Garg. Dr K.N.Yogalakshmi, the convener of this workshop said, this workshop covered vital areas including Self-inflicted Pollution, Nanotechnology for Environmental Applications, Scientific Writing, Environmental Clearance, Environmental law, Biodiversity Issues, Geospatial Technologies and Radioactive Pollution.



\Group Photo of of TLC Economics Discipline Workshop Participants

Group Photo of participants of TLC Environmental Science Discipline Workshop

27th Mar 2019: CUPB NSS Wing conducted Training Camp on Disaster Management



NDRF Team performing Mock Drill Exercise

NSS Wing of the Central University of Punjab (CUPB) organised a one-day Training Camp on Disaster Management with National Disaster Response Force. Inspector Govind Singh, Inspector Nakul Kumar, SI Sanjay Bist, ASI Pritam Singh and whole Team of elite NDRF 7thBN, Bathinda visited CUPB campus to provide training. The objective of this campaign is to build capacity to tackle the worse situation at the time of emergency by sharing how to save lives and make use of low-cost lifesaving equipment.

Dr Deepak K Chauhan, Programme Coordinator NSS Cell & Dr Monisha Dhiman, Programme Officer welcomed the guests and introduced the programme theme & its necessity. Further, NDRF Officials along with their team provided training to students on pre-hospital treatment techniques including controlling the oozing of blood and Cardio Pulmonary Resuscitation (CPR). Well trained and equipped persons from the elite NDRF 7th BN Bathinda demonstrated the emergency relief and rescue operations as a part of a mock drill held at the building of CUPB City Campus Admin Block. During the programme, various search and rescue equipment, communication equipment and improvised rafts were exhibited for generating awareness among youngsters.

Officials of NDRF said that prevention of disaster begins with awareness. They also mentioned that students and teachers could serve as messengers for promoting the culture of safety and disaster risk reduction. Dr Ashwani Kumar thanked the NDRF Team & participants for making this event a success.

27th Mar 2019: CUPB IPR Cell executed two-day programme on “Scientific Literature Searches and Plagiarism Detection Software



Prof Sushil Kumar addressing the gathering

Intellectual Property Rights Cell (IPR Cell) of the Central University of Punjab successfully organised a two-day programme on “Scientific Literature Searches and Plagiarism Detection Software” on their premises. This programme was organized in collaboration with Punjab State Council of Science and Technology (PSCST), Chandigarh. Prof. Sushil Kumar Kansal, Dr S S Bhatnagar University Institute of Chemical Eng. & Tech., Punjab University, Chandigarh and Dr Ashwini Siwal,

Assistant Professor, Faculty of Law, Delhi University, Delhi were the key speakers of the event. Faculty members and research scholars from various departments participated in this programme.

Dr Sunil Mittal, Associate Professor, Dept. of Environment Science & Technology gave the welcome address and introduced the programme theme. During the talk, Prof Sushil discussed the key points to be considered while preparing a research paper to avoid rejection by the publisher. According to him, abstracts & conclusion play the most important role in selecting or rejecting of the research paper. He also made the participants aware of the impact factor, h index and i10h index. Dr Ashwini Siwal talked about the copyright and plagiarism issues in detail. Mr Kanan, Deputy Librarian, talked about the University's digital initiatives and discussed how this would be useful for scholars. Dr Bhupinder, Assistant Librarian gave training on various Anti-plagiarism software's. Dr Preeti Khetarpal, a registered patent agent, gave an orientation of the Patent system of India and trained the participants for patent literature searches.

31st Mar 2019: CUPB NSS Wing successfully organised 7 Day Camp at Naruana and Ghudda Village

The NSS Wing of the Central University of Punjab successfully organised seven-day awareness camp at Village Naruana & Village Ghudda in the district Bathinda from 25th March to 31st March. The camp aimed to create awareness about higher education, health, hygiene, environment, road safety issues. During the camp, various programmes were executed by NSS volunteers under the theme of Clean India, Green India, Hygiene Awareness, Road Safety, Pollution Free Environment, Save Animals & Birds Awareness Session and Natural Survival Techniques, Drug De-Addiction and Beti Bachao Beti Padhao. A special programme was held on Beti Bachao, Beti Padhao. The key attraction of the programme was a street play and a special guest lecture by social activist Mr Narinder Bassi.

5th April 2019 - Central University of Punjab conducted an Outreach Symposium under the auspices of National Academy of Sciences India

The Central University of Punjab, Bathinda under the auspices of Chandigarh Chapter of National



Group Photograph of VC Prof Kohli & CUPB Faculty members along with Resource Persons Prof Girish Saini, Prof Tilak Raj Sharma and Prof KK Bhasin

Academy of Sciences India (NASI) organised the one-day Outreach Symposium on 05 April 2019, at their City Campus. Founded in 1930 to provide a national forum for the publication of research work carried out by Indian Scientists, & to provide opportunities for exchange of views among them,

the National Academy of Sciences India (NASI) is the oldest Science Academy of the country which has popularised activities for disseminating scientific knowledge via Organising science extension lectures throughout the country. The objective of this programme was to promote the scientific temperament among the Students, Research Scholars and Faculty members. CUPB faculty, students and staff members from PAU Regional Campus Bathinda participated in this programme.

Prof. R.K. Kohli, Hon'ble Vice-Chancellor, CUPB welcomed the distinguished guests and gave the introduction of the Academy and its activities. He mentioned, this kind of Symposium will broaden the research horizons of researcher scholars & offer a platform to students to interact with dignitaries. Prof. Girish Saini, Former Director General, CSIR, spoke on "Creating Societal Value from Science and Innovation". He asserted that research breakthroughs need to reach society at an affordable cost and should be disseminated thoroughly.

Prof Tilak Raj Sharma, Executive Director, National Agri-Food Biotechnology Institute & Secretary Chandigarh Chapter of National Academy of Sciences India, presented a brief account on "Application of Biotechnology in achieving Food & Nutritional Security". Prof K.K. Bhasin, Former Dean Faculty of Science, Panjab University Chandigarh talked about "Fascinating Aspects of Chemistry". He demonstrated the basic experiments of chemistry which are applicable in our day to day life in which the students participated with great enthusiasm. Anjana Munshi thanked the NASI, University Authorities and participants for making this event a success

8th and 9th April 2019 - Central University of Punjab organised Multi-lateral Academic Exchange Programs with the students of 17 Countries

Central University of Punjab conducted two-day Multilateral Academic Exchange Programme with Foreign National Students at its campus. In this programme, students from 17 countries including Germany, USA, Philippines, Thailand, South Africa, Egypt, South Korea, Colombia, Ethiopia, Australia, Italy, Netherlands, South Africa, France, India, United Kingdom, Russia, Hong Kong

and Nigeria participated in various discussions & cultural activities. These students came from internationally reputed institutions like Humboldt University, Berlin (Germany), University of Freiburg (Germany), University of Cape Town (South Africa), FLACSO

Argentina

(Buenos Aires),

Chulalongkorn University (Bangkok) and Jawaharlal Nehru University (New Delhi) etc.



Participants attending a session during the Programme

During the programme faculty from various departments of CUPB interacted with foreign national students and shared their research understanding with them. Foreign National Students also shared global opportunities in various institutions across the world with CUPB students and presented their

academic views on various topics. Further, CUPB Students showcased Indian culture with special performances during a cultural event.

While talking with students during the concluding session Prof P Ramarao, Dean Academic Affairs, stated that this Academic exchange programme enhanced knowledge of CUPB students and foreign national students. Prof V.K. Garg, Dean Student Welfare mentioned that this programme helped CUPB students to develop an understanding of different ethnic groups of the world. He added that CUPB students should explore opportunities across the globe and shall try to contribute to the pool of global knowledge.

Dr Vinod Arya and Dr Aditya Kapoor briefed that the various sessions of the exchange the



Group Photograph of DSW Prof VK Garg and CUPB Faculty along with students of multilateral academic exchange programme

programme covered topics like – Post-colonialism, Post-modernity, Developmental perspectives of South Asia, Nation and Nation Building Process: A Comparative Perspective from East & West, Fake news, Culture Personality & Society in Contemporary Times, Economy & Society in India, Religion & Society and Sociology of Knowledge.

On the second-day, foreign national students visited Talwandi Sabo as a part of the field visit programme. This

programme is being organised in collaboration with the Global Studies Programme, Centre for the Study of Social Systems, Jawaharlal Nehru University, New Delhi.

12th April - The Central University of Punjab ranked at 95th Position in University Category of MHRD's NIRF India Rankings 2019

Central University of Punjab has added another feather to its cap by getting 95th Rank in India among the University Category in MHRD'S NIRF India Rankings 2019 for best educational institutions across the country. CUPB stood on the top among the newly established Central Universities of India in NIRF India Rankings 2019. As many as 4867 Institutions participated in 2019 NIEF India Ranking.

Prof S.S. Johl, honourable Chancellor of CUPB, congratulated CUPB faculty, staff & students on this achievement. Prof R.K. Kohli, Vice Chancellor, CUPB communicated, the Central University of Punjab always set new benchmarks in the field of Academics and Research since its inception. In 2019 edition of NIRF India Rankings, CUPB achieved another milestone by becoming the Youngest University to include in top 100 best Universities of India with 95th Rank. He added, CUPB has topped with the highest rank among all the newly established Central Universities (Established in 2009) who have participated in NIRF 2019. He dedicated this success to the hard work of University's faculty, officers, staff, IQAC Cell & most important to students.

Prof Jagdeep Singh, Registrar, CUPB emphasised that CUPB has got this status in just 10 years of its establishment and at a time when the University has not yet shifted to the main campus in Gudda. He expressed his firm belief that the University's ranking will improve in the years to come. Prof P Ramarao, Dean Academic Affairs intimated that this is the moment of proud for our Institution as well as for city Bathinda. Prof V.K. Garg Dean Students Welfare mentioned that this update has spread a sense of happiness and satisfaction among students studying in CUPB who came from almost 27 different states. Prof S.K. Bawa, Director IQAC mentioned that CUPB administration & faculty is committed to set new quality standards and education sector, and this report has motivated each one of us to perform better.

The notable point here is that CUPB also becomes the youngest University to become NAAC accredited A Grade University. CUPB always endeavours to uplift the standards of teaching, learning & research to the global level of excellence. The University has got highly sophisticated research equipment, well-equipped laboratories & full-fledged library. Almost 100 % of the University's Faculty is PhD qualified & got international exposure. Students across the country are getting a quality education in various Post Graduate & Doctoral programmes under 31 departments of the Central University of Punjab, Bathinda.

12th April - पंजाब केन्द्रीय विश्वविद्यालय, बठिंडा में राग दरबारी के पचास वर्ष पर विशेष कार्यक्रम का आयोजन

12 अप्रैल, 2019 बठिंडा: पंजाब केन्द्रीय विश्वविद्यालय, बठिंडा के हिंदी विभाग ने हिंदी के प्रसिद्ध उपन्यास 'राग दरबारी' के पचास वर्ष पूर्ण होने के अवसर पर एक विशेष कार्यक्रम का आयोजन किया। इस कार्यक्रम के अंतर्गत स्थानीय महाविद्यालयों से विद्यार्थियों एवं शिक्षकों ने सहभागिता की। कार्यक्रम के आरम्भ में डॉ. राजेंद्र कुमार सेन ने औपचारिक अभिनंदन प्रस्तुत किया और राग दरबारी की वर्तमान दौर में प्रासंगिकता पर प्रकाश डाला। इसके उपरांत डॉ. आदित्य विक्रम सिंह ने 'राग दरबारी' के औचित्य पर प्रकाश डालते हुए विभाग द्वारा आयोजित की जाने वाली गतिविधियों से अवगत करवाया। 'राग दरबारी' उपन्यास पर वक्ताओं ने विविध दृष्टिकोणों से प्रकाश डाला। श्री अमनदीप शर्मा (एस.डी.कॉलेज बरनाला), श्री कुंदन लाल (आई.जी.मेमोरियल पी.जी. कॉलेज, पीलीबंगा), डॉ. सुरजीत सिंह (गुरु काशी विश्वविद्यालय, तलवंडी साबो), श्रीमती मोनिका (डी.ए.वी.कॉलेज, बठिंडा), डॉ. प्रवीण बाला (राजकीय कन्या महाविद्यालय, पटियाला), डॉ. विनोद कुमार (भाग सिंह खालसा महिला महाविद्यालय, अबोहर), डॉ. अभिषेक कुमार पाण्डेय (पंजाब केन्द्रीय विश्वविद्यालय, बठिंडा), डॉ. सुमन बावा (एस.एस.डी.महिला महाविद्यालय, बठिंडा), डॉ. संगम वर्मा (राजकीय कॉलेज चंडीगढ़) एवं श्रीमती सोनिका रानी (राजकीय बरजिंदरा कॉलेज, फरीदकोट), डॉ. विनोद आर्य (पंजाब केन्द्रीय विश्वविद्यालय, बठिंडा) ने राग दरबारी के सामाजिक, राजनीतिक, आर्थिक, आंचलिक पक्षों पर प्रकाश डाला और श्रीलाल शुक्ल की भाषा शैली और राग दरबारी में निहित व्यंग्य को उजागर किया।

इसके उपरांत 'राग दरबारी के पचास वर्ष' विषय पर आयोजित की गयी निबंध लेखन प्रतियोगिता का पुरस्कार वितरण कार्यक्रम हुआ जिसमें डीन विद्यापीठ डॉ. अल्पना सैनी और विभाग के अध्यापकों ने विजेताओं को पुरस्कार प्रदान किये। इस प्रतियोगिता में राजकीय बरजिंदरा कॉलेज, फरीदकोट के मुकेश कुमार ने प्रथम पुरस्कार प्राप्त किया, सुश्री बबिता राजकीय कन्या महाविद्यालय, पटियाला ने द्वितीय पुरस्कार, प्रियंका

रानी एस.डी.कॉलेज बरनाला ने तृतीय पुरस्कार प्राप्त किया वहीं राजकीय राजिंदरा कॉलेज, बठिंडा की आरती रानी ने सांत्वना पुरस्कार प्राप्त किया। इस प्रतियोगिता विविध महाविद्यालयों से कुल 14 प्रतिभागियों ने भाग लिया। सभी प्रतिभागियों को सहभागिता प्रमाण पत्र प्रादान किये गए।

कार्यक्रम के अंत में डॉ. राजेंद्र कुमार ने औपचारिक धन्यवाद ज्ञापन प्रस्तुत किया। इस कार्यक्रम में विश्वविद्यालय के अधिकारी, कर्मचारी, अध्यापक, शोधार्थी एवं विद्यार्थी उपस्थित थे। इस के अतिरिक्त एस.डी.कॉलेज बरनाला, राजकीय कॉलेज पटियाला, राजकीय बरजिंदरा कॉलेज फरीदकोट के विद्यार्थी भी शामिल हुए।

13th April - Central University of Punjab celebrated 128th birth anniversary of Babasaheb B.R. Ambedkar

Under the guidelines of honourable Vice-Chancellor Prof R.K. Kohl, the SC / ST/ OBC and



CUPB students participating in peace walk

Minorities Cell of Central University of Punjab celebrated 128th birth anniversary of Bharat Ratna Dr Bhimrao Ambedkar with the Peace Walk in their campus this Friday. Students from various departments participated in this walk and displayed posters on theme “Ambedkar & Peace”. Dr Dhanya M.S., Chairman of SC / ST/ OBC & Minorities Cell, mentioned that Babasaheb

Ambedkar was not only the architect of the Indian

Constitution, but also a campaigner against social discrimination, and has raised his voice in support of women and child rights. She emphasised, CUPB students should try to follow his preaching. On this occasion, Dr Yoga Lakshmi, Ms Shweta Arora and other University staff members were also present.

25th April - Central University of Punjab organised Special Lecture on Dynamics on the Right to Privacy

Department of Law at the Central University of Punjab organised a special lecture on Dynamics of the “Right to Privacy & its characterisation under the Indian Constitution”. The resource person of this lecture was Dr Virender Kumar who is Professor Emeritus, Founding Director, Chandigarh Judicial Academy, Former Dean and Chairman, Faculty of Law, Punjab University and UGC Emeritus Fellow. Prof. R.K. Kohli, Vice-Chancellor, Central University of Punjab presided over this event.

Dr Varinder Kumar presented a judicial critique of the 9 Judge Bench judgement of the Supreme Court in Justice K. S. Puttaswamy (Retd.) and Anr. Vs. Union of India And Ors; A landmark

judgement which holds that Right to Privacy is a Fundamental Constitutional Right under the Indian Constitution. While mentioning this Judgment and reason behind the admissibility of this cause by the Nine-judge Constitution Bench of the Supreme Court, Professor Kumar explored various facets of the Court's judgment(s) and the urgency of dealing with the Right to Privacy as our Fundamental Right. Prof. Kumar has also presented a holistic view of this judgment while crystallised the concept through his well-researched and deeply analysed view on Right to privacy and its dimension in contemporary society.



Dr Varinder Kumar delivering lecture on Right to Privacy

Prof. Jagdeep Singh, Registrar CUPB, Prof. S.K Bawa, Dr Deepak Chauhan HoD, Department of Law, Dr Tarun Arora, Associate Dean Student Welfare, Faculty members and students from different departments were also present on this occasion. The lecture witnessed a mind storming discussion and overwhelming response from all the participants, including Honourable Vice-Chancellor.

27th April - Central University of Punjab commenced two-day Teacher's Training Workshop on "Olympiads"

To enhance scientific temperament among young teachers and students, Central University of Punjab commenced a two-day Teacher's training workshop on Olympiads on 27-28 April in their campus. CUPB has organised this programme under MHRD Rashtriya Avishkar Abhiyaan in collaboration with the Tata Institute of Fundamental Research and Society for Promotion of Science & Technology in India (SPSTI). The inaugural session was presided over by honourable Vice Chancellor Prof R.K. Kohli and the keynote speaker of this session was Prof P.K Joshi from Homi Bhabha Centre for Science Education (HBCSE). This programme aims to provide hands-on experience in experiments related to Physics, Chemistry and Biology (Designed by HBCSE, Mumbai). About 30 teachers from various institutions of Bathinda participated in this Workshop.



Prof PK Joshi addressing the gathering

During the inaugural session, Prof P Ramarao, Dean Academic Affairs welcomed the participants and introduced the programme theme. Er. M.L. Garg briefed about the Olympiad pattern & shared various activities of SPSTI including Mobile Science Labs, Summer Science Camps, Monthly Lectures and others. Keynote speaker Prof P.K. Joshi

mentioned that there is a need to promote science and build scientific aptitude among young students. He emphasised that practical demonstration of various experiments designed by HBCSE, Mumbai will surely encourage teachers to indulge in thinking across science subjects. Vice-Chancellor Prof R.K. Kohli appreciated the efforts of CUPB Programme Organising Team, HBCSE & SPSTI in promoting science concepts among students and young teachers. He asserted that students have the curiosity to learn science, but they lack opportunities. Further, he urged young teachers to encourage students to try out new ideas to develop their interest in science.



Group Picture of Participants and Resource Persons during Teachers Training Workshop on Olympiads given lens and Estimation of Ethanol Production by Yeast.

Post-Inaugural session, Prof. P.K. Joshi delivered a lecture on the “Role of Science Experiments in Science Education”. After this, experts performed experiments on Simple Pendulum, Determination of Focal Length of a

29th April - CUPB organised one-day Seminar-cum-Workshop on the theme Why is Immune System worth Studying

Central University of Punjab under the aegis of Indian Immunology Society has organised one-day Seminar-cum-workshop on World Immunology Day. The theme of this seminar was “Why is Immune System worth Studying”. Vice-Chancellor Prof R K Kohli presided over this seminar. The special guest of this event was Prof. Gitanjali Goyal, from Guru Gobind Singh Medical College and Hospital, Faridkot. Students from Meritorious School, Bathinda, along with CUPB faculty and staff participated in this event.

In the beginning, Prof. P Ramarao, Prof Ramakrishna Wusurika & Dr Manju Jain welcomed the participants and introduced the programme theme. They brought out the significance of understanding Immunity in health & disease in day to day life, and the possibility of building a career around the subject.



Group Pic Meritorious School Bathinda Students at CUPB Immunology Workshop

In conjunction with the inaugural session, the special part of the event was the release of three volume-set Book on Phytochemistry edited by Dr Shashank Kumar et al. by honourable Vice Chancellor. On this occasion, Prof R. K. Kohli congratulated Dr Shashank who is working as Assistant Professor, Dept of Biochemistry and

Microbial Sciences, CUPB.

The students of Meritorious School Bathinda and CUPB students gained new insight into different aspects of Immunology in various lectures and interactive sessions. A series of two lectures touching on basics and applied aspects of Immunology was taken by Prof. Gitanjali Goyal and Dr Manju Jain. It was followed by poster presentation and experiments by students and concluded with a trip to the CUPB Research Facility.

2 मई, 2019, बठिंडा - 'कविता की रचना प्रक्रिया' पर विख्यात हिंदी कवि विष्णु नागर का विशेष व्याख्यान का आयोजन

2 मई, 2019 : पंजाब केन्द्रीय विश्वविद्यालय, बठिंडा के हिंदी विभाग के तत्वावधान में पिछले दिनों समकालीन हिंदी कविता के महत्वपूर्ण हस्ताक्षर श्री विष्णु नागर ने 'कविता की रचना प्रक्रिया' विषय पर विशेष व्याख्यान प्रस्तुत किया। कार्यक्रम के आरम्भ में डॉ. राजेन्द्र कुमार सेन, विभाग प्रभारी ने औपचारिक अभिनन्दन प्रस्तुत करते हुए हिंदी विभाग की उपलब्धियों पर प्रकाश डाला। उन्होंने बताया कि विभाग द्वारा विद्यार्थियों ने ज्ञानार्जन हेतु विविध विषयों पर व्याख्यान आयोजित करवाए जाते हैं इसी श्रृंखला में 'कविता की रचना प्रक्रिया' को समझने हेतु समकालीन हिंदी कविता के विख्यात कवि श्री विष्णु नागर जी को आमंत्रित किया गया है। डॉ. आदित्य विक्रम सिंह, सहायक प्रोफेसर ने श्री विष्णु नागर का औपचारिक परिचय प्रस्तुत करते हुए बताया कि हिंदी जगत के अनेकों सम्मानों से विभूषित श्री नागर समकालीन हिंदी कविता में अपना विशेष स्थान रखते हैं। हिंदी कविता के अतिरिक्त कहानी, व्यंग्य, उपन्यास, आलोचना और निबंध लेखन में भी श्री नागर का लेखन विशेष महत्व रखता है।

अपने संबोधन में श्री विष्णु नागर ने बताया कि कविता समाज के अँधेरे कोनों को खोजती है। कविता एक उत्पादन नहीं है जिसे एक ही ढर्रे पर लिखा जा सके। प्रत्येक कवि अपने जीवन के अनुभवों और अपने दौर की परिस्थितियों को शब्दबद्ध करके पाठक जगत को समाज के विविध पहलुओं से अवगत करवाने का कार्य करता है। उन्होंने बताया कि कविता के मूल में विचार विद्यमान होता है। कवि तत्कालीन सत्य को व्यंग्य में प्रस्तुत करता है, इसलिए कविता में व्यंग्य कवि को कालजयी बना देता है। उन्होंने मुक्तिबोध और रघुवीर सहाय सहाय की कविताओं का भी उल्लेख किया। साथ ही श्री विष्णु नागर ने अपनी प्रमुख कविताओं का पाठ करके उनके रचना विधान पर चर्चा की।



Group Photograph of CUPB Hindi Department Students with Poet Vishnu Nagar

श्री प्यारे लाल गर्ग, पूर्व कुलसचिव, बाबा फरीद स्वास्थ्य विश्वविद्यालय, फरीदकोट ने भी अपने विचार प्रस्तुत किये। प्रोफेसर हरपाल सिंह पन्नु, पीठाध्यक्ष, गुरु गोबिंद सिंह पीठ ने अध्यक्षीय संबोधन प्रस्तुत करते हुए रचनाकार और साहित्य के महत्व पर विचार प्रस्तुत किये।

कार्यक्रम के अंत में डॉ. राजेंद्र कुमार स्थानापन्न अध्यक्ष ने औपचारिक धन्यवाद ज्ञापन प्रस्तुत किया इस कार्यक्रम में प्रोफेसर कुलदीप सिंह, डॉ. अल्पना सैनी, डॉ. शाहिला जफ़र, डॉ. विनोद आर्य, डॉ. नरेश सिंगला, डॉ. अभिषेक पाण्डेय के अतिरिक्त विश्वविद्यालय के अधिकारी, कर्मचारी, शोधार्थी एवं विद्यार्थी उपस्थित थे।

10th to 21st May 2019, Bathinda – Dept. of Economics Studies at Central University of Punjab successfully organised the twelve-day Capacity Building Programme for Social Science Faculty Members

Department of Economic Studies at Central University of Punjab, Bathinda successfully organised a



Prof Ronki Ram delivering Keynote Address in inaugural session of Workshop

twelve-day Capacity Building Programme for Social Science Faculty Members sponsored by ICSSR. The programme began on 10th May and concluded on 21st May 2019. Honourable Vice-Chancellor Prof R.K. Kohli presided over the Inaugural & Valedictory Sessions. The Chief Guest of Inaugural Session & Valedictory Session was Prof Ronki Ram, Shaheed Bhagat Singh Professor, Panjab University,

Chandigarh, and Prof P.K. Chaubey, Former Director IMS Lucknow as well as Former Economics Professor, IIPA New Delhi respectively. A total of 23 Social Science faculty members from 11 States and 2 Union Territories participated in this Capacity Building Programme.

Dr P.K. Mishra, Associate Dean, School of Social Sciences welcomed the participants and presented the Event Report. He mentioned that the objective of this programme is to broaden the research horizon of social science faculty members. During the programme 33 Guest Lectures were held on various subjects – Economics, Commerce, Management, Education, Geography, Sociology, Political Science & Law.

In his keynote address, Prof P.K. Chaubey emphasised that basic approach, philosophy and ethics need to be followed to conduct quality research within the social science discipline. In his Presidential Address Vice-Chancellor, Prof R.K. Kohli appreciated the efforts of the organising team and congratulated participants for their sincere participation throughout the programme. Prof P Ramarao, Dean Academic Affairs mentioned this Capacity building programme certainly would be helpful to the participants in research and their understanding of the discipline.

Towards the end, participants shared their feedback. Further, and participation certificates and study material were distributed. Dr J.K. Verma from Dept of Economic Studies thanked ICSSR, guests & participants for making this programme a success.

22nd May 2019 - Department of Environment Science & Technology at Central University of Punjab celebrated International Biological Diversity Day

Department of Environment Science & Technology at Central University of Punjab, Bathinda organised a special programme to celebrate International Day for Biological Diversity on Wednesday. During this programme, honourable Vice Chancellor Prof R.K. Kohli interacted with faculty, scholars and students of Environment Science & Technology Department.

During the programme Prof V.K. Garg, Dean Student Welfare & Dean School of Environmental & Earth Science welcomed the audience and introduced the programme theme. He mentioned that the UN had adopted 22nd May as International Biodiversity Day to increase our understanding & awareness of biodiversity issues. He added, youngsters, need to follow the laws of nature & should work for sustainable development to preserve our biodiversity.

During his Keynote address, honourable Vice Chancellor Prof R.K. Kohli mentioned that the theme of 2019 IBD is “Our Biodiversity, Our Food, and Our Health”. It signifies that biodiversity is vital for human health and well-being. The quality of our air, water and food we get will depend on the quality of the natural world maintained by us. He said, recent studies indicate that Biodiversity is vital for the security and sustainability of Food Production. However, with the decline of Biodiversity, Food Security is also affected. He discussed the threats posed to Biodiversity in the current time. He mentioned, as per UN Reports, many crop varieties and breeds of domestic animals got disappeared during the last century. He emphasised that the survival of our Biodiversity depends on human action and youngsters should set an example by following environmentally sustainable practices to preserve our ecosystem.

Towards the end, Dr Sunil Mittal, HoD, Department of Environment Science and Technology thanked the distinguished guests & participants for making this programme a success.

24th May - Central University of Punjab organised special lecture of Prof A.K. Singhvi

Central University of Punjab, Bathinda successfully organised a two-day Special Lecture series by Prof A.K. Singhvi in their premises on 22nd and 23rd May. The resource person of this programme (Prof Singhvi) is the Professor in Physical Research Laboratory, Ahmedabad and is the recipient of FNA, FASc, FNASc, FTWAS, FGS (Lon), DST-SERB-Year of Science Chair Professor, PRL, Ahmedabad. He is also the Vice President: Indian National Science Academy (Science & Society). Honourable Vice-Chancellor presided over the inaugural session. Faculty, Research Scholars and Students from different departments attended his lecture series.



Prof Singhvi addressing the gathering

During the inaugural session, Dr J.K. Patnaik, Head of Department of Geography & Geology welcomed the participants. Honourable Vice-Chancellor Prof R.K. Kohli introduced the Keynote Speaker & shared Key Achievements of Prof Singhvi. In his Keynote address, Prof Singhvi delivered a lecture on “Ethics in Science Education & Research”. He shared three different phases in the history of Indian

Sciences – Nationalistic Phase (1895-1945), International Phase (1945-1995), and Globalised Phase (1995 to Present). He pointed out Changing Technological Context, Poor Implementation of Projects, Low Scientific Output and Low Technological Base as major areas of concern. He mentioned, Ethics of Sciences guides us to become a responsible, reasonable and respectful human being. Ethics in Teaching Professions mention that a teacher should make learning interactive, identify the uniqueness of each student, and optimise classroom settings to maximise interactions. While talking about Research Ethics, he mentioned that use of unpublished ideas learnt as a reviewer or from Seminars is unethical & data/text plagiarisms are serious academic offences. Fabrication, Falsification or misrepresentation of data is unethical. He said that the researcher needs to acknowledge the web source for any information abstracted from the internet. He talked about Ethics in Science Governance and stressed on the point that a researcher should focus on what is written in the paper rather than where it is published. He concluded his talk with the message that Ethics is a concern for society, and it needs to be followed by all.

As a part of Lecture Series, Prof Singhvi took two more interactive sessions on “How to write Research Papers and Project Proposals” and “Social dimensions of geosciences; New Challenges and Importance”. He interacted with faculty of different departments as well. Towards the end, organisers thanked the distinguished guest for sharing his words of wisdom and sharing his perspective towards Science Education discipline.

31st May 2019 - Central University of Punjab NSS Wing observed World No Tobacco Day

Central University of Punjab’s NSS Wing conducted an awareness campaign and organised an oath ceremony to mark the occasion of World No Tobacco Day. Students, Faculty and Staff members from different departments participated in this activity & took the pledge to say no to tobacco. On this instance, Dr Monisha Dhiman Program Coordinator, NSS Cell talked about the ill effects of tobacco consumption on human lungs and urged youngsters to stay away from this menace. Further NSS Cell Volunteers installed a No Tobacco Box on-campus entrance gate as a symbolic indicator of No Tobacco Zone.



NSS Volunteers and Students taking No Tobacco Pledge

LIST OF PUBLICATIONS

- Aggarwal, V., Kashyap, D., Sak, K., Tuli, H., Jain, A., Chaudhary, A., et al. (2019). Molecular mechanisms of action of tocotrienols in cancer: Recent trends and advancements. *International Journal of Molecular Sciences*, 20(3).
- Aimen, A., Hamid, S., Ahmad, S., Chisti, M., Khurana, S., & Kaur, A. (2019). Handover between Wi-Fi and WiMAX technologies using GRE tunnel. *Advances in Intelligent Systems and Computing*, 714, 473-484.
- Ansari, A., Joshi, G., Sharma, P., Maurya, A., Metre, R., Agnihotri, V., et al. (2019). Pd-Catalyzed Four-Component Sequential Reaction Delivers a Modular Fluorophore Platform for Cell Imaging. *Journal of Organic Chemistry*, 84(7), 3817-3825.
- Arora, S., Joshi, G., Kalra, S., Wani, A., Bharatam, P., Kumar, P., et al. (2019). Knoevenagel/tandem Knoevenagel and Michael adducts of cyclohexane-1,3-dione and aryl aldehydes: Synthesis, DFT studies, xanthine oxidase inhibitory potential, and molecular modeling. *ACS Omega*, 4(3), 4604-4614.
- Arya, A., & Sharma, A. (2019). Electrolyte for energy storage/conversion (Li^+ , Na^+ , Mg^{2+}) devices based on PVC and their associated polymer: a comprehensive review. *Journal of Solid State Electrochemistry*, 23(4), 997-1059.
- Arya, A., & Sharma, A. (2019). Investigation on enhancement of electrical, dielectric and ion transport properties of nanoclay-based blend polymer nanocomposites. *Polymer Bulletin*.
- Arya, A., & Sharma, A. (2019). Tailoring of the structural, morphological, electrochemical, and dielectric properties of solid polymer electrolyte. *Ionics*, 25(4), 1617-1632.
- Arya, A., & Sharma, A. (2019). Temperature and Salt-Dependent Dielectric Properties of Blend Solid Polymer Electrolyte Complexed with LiBOB. *Macromolecular Research*, 27(4), 334-345.
- Barkhade, T., Mahapatra, S., & Banerjee, I. (2019). Study of mitochondrial swelling, membrane fluidity and ROS production induced by nano-TiO₂ and prevented by Fe incorporation. *Toxicology Research*, 8(5), 711-722.
- Barkhade, T., Phatangare, A., Dahiwal, S., Mahapatra, S., & Banerjee, I. (2019). Nano-bio interface study between Fe content TiO₂ nanoparticles and adenosine triphosphate biomolecules. *Surface and Interface Analysis*, 51(9), 894-905.
- Bast, F., & Rani, P. (2019). First report of uniseriate free-living Ulva species with description of new species *Ulva uniseriata* sp. Nov (Chlorophyta, Ulvales). *Indian Journal of Geo-Marine Sciences*, 48(11), 1687-1691.
- Bhat, G., & Kaur, S. (2019). Human resource development, structural transformation, employment generation and innovation: India, China, Japan and South Korea, 1990-2016. *Applied Econometrics and International Development*, 19(1), 95-117.

- Bhuyan, P., Kumar, A., Sonvane, Y., Gajjar, P., Magri, R., & Gupta, S. (2018). Si and Ge based metallic core/shell nanowires for nano-electronic device applications. *Scientific Reports*, 8(1).
- Binayke, A., Mishra, S., Suman, P., Das, S., & Chander, H. (2019). Awakening the “guardian of genome”: reactivation of mutant p53. *Cancer Chemotherapy and Pharmacology*, 83(1).
- Biswas, R., Singh, H., Banerjee, B., & Haldar, K. (2019). Zn(II) Di-isobutyldithiocarbamate Complex Enabled Efficient Synthesis of Au/ZnS Nanocomposite Core-shell in One Pot. *ChemistrySelect*, 4(14), 4003-4007.
- Brar, K., Singh, B., & Kaur, A. (2019). Library and information science courses in India: Issues and suggestions. *Library Philosophy and Practice*, 2019.
- Chandel, S., Kaur, S., Issa, M., Singh, H., Batish, D., & Kohli, R. (2019). Exposure to mobile phone radiations at 2350 MHz incites cyto- and genotoxic effects in root meristems of *Allium cepa*. *Journal of Environmental Health Science and Engineering*, 17(1), 97-104.
- Chaudhary, D., Sharma, N., & Senapati, S. (2019). Serum homocysteine could be used as a predictive marker for chronic obstructive pulmonary disease: A meta-analysis. *Frontiers in Public Health*, 7(APR).
- Chawla, P., Kalra, S., Kumar, R., Singh, R., & Saraf, S. (2019). Novel 2-(substituted phenyl Imino)-5-benzylidene-4-thiazolidinones as possible non-ulcerogenic tri-action drug candidates: synthesis, characterization, biological evaluation And docking studies. *Medicinal Chemistry Research*, 28(3), 340-359.
- Chokkar, N., Kalra, S., Chauhan, M., & Kumar, R. (2019). A review on quinoline derived scaffolds as anti-HIV agents. *Mini-Reviews in Medicinal Chemistry*, 19(6), 510-526.
- Choudhary, S., Thakur, S., Jaitak, V., & Bhardwaj, P. (2019). Gene and metabolite profiling reveals flowering and survival strategies in Himalayan *Rhododendron arboreum*. *Gene*, 690, 1-10.
- Deepak, Deb, R., Nair, M., Halder, S., Sharma, A., & Mohapatra, S. (2019). Liquid phase exfoliation of MoS₂ nano-sheets and observation of resistive switching memory in MoS₂ Nano-sheets-PVDF-HFP composite films. *Materials Today: Proceedings*, 18, pp. 5447-5453.
- Dhayal, R., Van Zyl, W., & Liu, C. (2019). Copper hydride clusters in energy storage and conversion. *Dalton Transactions*, 48(11), 3531-3538.
- Driscoll, K., Deshpande, A., Chapp, A., Li, K., Datta, R., & Ramakrishna, W. (2019). Anti-inflammatory and immune-modulating effects of rice callus suspension culture (RCSC) and bioactive fractions in an in vitro inflammatory bowel disease model. *Phytomedicine*, 57, 364-376.
- Driscoll, K., Deshpande, A., Datta, R., & Ramakrishna, W. (2019). Anti-inflammatory Effects of Northern Highbush Blueberry Extract on an In Vitro Inflammatory Bowel Disease Model. *Nutrition and Cancer*.
- Gautam, N., Salaria, N., Thakur, K., Kukreja, S., Yadav, N., Yadav, R., et al. (2019). Green Silver Nanoparticles for Phytopathogen Control. *Proceedings of the National Academy of Sciences India Section B - Biological Sciences*.

- Ghosh, A., Dadhich, A., Bhardwaj, P., Babu, J., & Kumar, V. (2019). Comparative analysis of metabolites in contrasting chickpea cultivars. *Journal of Plant Biochemistry and Biotechnology*.
- Gill, B., Mehra, R., Navgeet, & Kumar, S. (2018). Vitex negundo and its medicinal value. *Molecular Biology Reports*, 45(6), 2925-2934.
- Gupta, R., & Singh, M. (2019). On invariant analysis and conservation laws for degenerate coupled multi-KdV equations for multiplicity $l=3$. *Pramana - Journal of Physics*, 92(5).
- Gupta, R., & Singla, K. (2018). Symmetry Analysis of Variable-Coefficient Time-Fractional Nonlinear Systems of Partial Differential Equations. *Theoretical and Mathematical Physics(Russian Federation)*, 197(3), 1737-1754.
- Haldar, K., Biswas, R., Patra, A., Halder, K., & Sen, T. (2019). Au/CdSe hybrid nanoflowers: a high photocurrent generating photoelectrochemical cells. *Gold Bulletin*, 52(1).
- Jain, M., Yadav, M., Kohout, T., Lahtinen, M., Garg, V., & Sillanpää, M. (2018). Development of iron oxide/activated carbon nanoparticle composite for the removal of Cr(VI), Cu(II) and Cd(II) ions from aqueous solution. *Water Resources and Industry*, 20, 54-74.
- Jain, R., Sharma, D., Kumar, R., & Kumar, R. (2019). Structural, kinetic and thermodynamic characterizations of SDS-induced molten globule state of a highly negatively charged cytochrome c. *Journal of Biochemistry*, 165(2), 125-137.
- Jasmin, & Jaitak, V. (2019). A review on molecular mechanism of flavonoids as antidiabetic agents. *Mini-Reviews in Medicinal Chemistry*, 19(9), 762-786.
- Jeyapragash, B., Muthuraj, A., & Kannan, P. (2019). An analysis of Indian Research Information Network System (IRINS). *Library Philosophy and Practice*, 2019.
- Jha, B., Vyas, R., Bhushan, J., Sehgal, D., & Biswal, B. (2019). Structural insights into the substrate specificity of SP_0149, the substrate-binding protein of a methionine ABC transporter from *Streptococcus pneumoniae*. *Acta Crystallographica Section F: Structural Biology Communications*, 75, 520-528.
- Joshi, G., Kaur, J., Sharma, P., Kaur, G., Bhandari, Y., Kumar, R., et al. (2019). P53-mediated anticancer activity of *Citrullus colocynthis* extracts. *Natural Products Journal*, 9(4), 303-311.
- Joshi, G., Wani, A., Sharma, S., Bhutani, P., Bharatam, P., Paul, A., et al. (2018). Unanticipated Cleavage of 2-Nitrophenyl-Substituted N-Formyl Pyrazolines under Bechamp Conditions: Unveiling the Synthesis of 2-Aryl Quinolines and Their Mechanistic Exploration via DFT Studies. *ACS Omega*, 3(12), 18783-18790.
- Kataria, N., & Garg, V. (2018). Optimization of Pb (II) and Cd (II) adsorption onto ZnO nanoflowers using central composite design: isotherms and kinetics modelling. *Journal of Molecular Liquids*, 271, 228-239.
- Kataria, N., & Garg, V. (2019). Application of EDTA modified Fe₃O₄/sawdust carbon nanocomposites to ameliorate methylene blue and brilliant green dye laden water. *Environmental Research*, 172, 43-54.

- Kaur, B., & Gupta, R. (2019). Dispersion analysis and improved F-expansion method for space–time fractional differential equations. *Nonlinear Dynamics*, 96(2), 837-852.
- Kaur, G., Kumar, R., Mittal, S., Sahoo, P., & Vaid, U. (2019). Ground/drinking water contaminants and cancer incidence: A case study of rural areas of South West Punjab, India. *Human and Ecological Risk Assessment*.
- Kaur, K., & Jaitak, V. (2019). Recent development in indole derivatives as anticancer agents for breast cancer. *Anti-Cancer Agents in Medicinal Chemistry*, 19(8), 962-983.
- Kaur, R., Rubal, Banipal, R., Vashistha, R., Dhiman, M., & Munshi, A. (2019). Association of elevated levels of C-reactive protein with breast cancer, breast cancer subtypes, and poor outcome. *Current Problems in Cancer*, 43(2), 123-129.
- Kaur, R., Vasudeva, K., Singla, H., Benipal, R., Khetarpal, P., & Munshi, A. (2018). Analysis of pro- and anti-inflammatory cytokine gene variants and serum cytokine levels as prognostic markers in breast cancer. *Journal of Cellular Physiology*, 233(12), 9716-9723.
- Khandelwal, A., Seam, R., Gupta, M., Rana, M., Prakash, H., Vasquez, K., et al. (2019). Circulating microRNA-590-5p functions as a liquid biopsy marker in non-small cell lung cancer. *Cancer Science*.
- Khanna, R., Nandy, D., & Senapati, S. (2019). Systematic review and meta-analysis to establish the association of common genetic variations in Vitamin D binding protein with chronic obstructive pulmonary disease. *Frontiers in Genetics*, 10(MAY).
- Kour, B., & Kumar, S. (2018). Symmetry analysis, explicit power series solutions and conservation laws of the space-time fractional variant Boussinesq system. *European Physical Journal Plus*, 133(12).
- Kour, B., & Kumar, S. (2019). Comment on “Time fractional third-order variant Boussinesq system: Symmetry analysis, explicit solutions, conservation laws and numerical approximations” by Fairouz Tchier et al. *European Physical Journal Plus*, 134(4).
- Kour, B., & Kumar, S. (2019). Time fractional Biswas–Milovic equation: Group analysis, soliton solutions, conservation laws and residual power series solution. *Optik*, 183, 1085-1098.
- Kumar, B., Dwivedi, A., Sarkar, B., Gupta, S., Krishnamurthy, S., Mantha, A., et al. (2019). 4,6-Diphenylpyrimidine Derivatives as Dual Inhibitors of Monoamine Oxidase and Acetylcholinesterase for the Treatment of Alzheimer's Disease. *ACS Chemical Neuroscience*, 10(1), 252-265.
- Kumar, P., Pattanaik, J., Khare, N., & Balakrishnan, S. (2018). Geochemistry and provenance study of sediments from Krossfjorden and Kongsfjorden, Svalbard (Arctic Ocean). *Polar Science*, 18, 72-82.
- Kumar, R., Najar, R., Gupta, K., & Saini, R. (2019). Micropropagation protocol for *Salvadora oleoides*. *Journal of Forestry Research*, 30(1), 87-93.
- Kumar, S., & Dhiman, M. (2018). Inflammasome activation and regulation during *Helicobacter pylori* pathogenesis. *Microbial Pathogenesis*, 125, 468-474.

- Kumar, S., Biswas, A., Ekici, M., Zhou, Q., Moshokoa, S., & Belic, M. (2019). Optical solitons and other solutions with anti-cubic nonlinearity by Lie symmetry analysis and additional integration architectures. *Optik*, 185, 30-38.
- Kumar, S., Zhou, Q., & Liu, W. (2019). Invariant traveling wave solutions of parity-time-symmetric mixed linear-nonlinear optical lattices with three types of nonlinearity. *Laser Physics*, 29(4).
- Kumar, V., Mahato, S., Munshi, A., & Kulharia, M. (2018). PPInS: a repository of protein-protein interaction sitesbase. *Scientific Reports*, 8(1).
- Mahajan, P., Singh, H., Kaur, S., Batish, D., & Kohli, R. (2019). β -Pinene moderates Cr(VI) phytotoxicity by quenching reactive oxygen species and altering antioxidant machinery in maize. *Environmental Science and Pollution Research*, 26(1), 456-463.
- Malhotra, A., Sharma, U., Puhan, S., Chandra Bandari, N., Kharb, A., Arifa, P., et al. (2019). Stabilization of miRNAs in esophageal cancer contributes to radioresistance and limits efficacy of therapy. *Biochimie*, 156, 148-157.
- Maziveyi, M., Dong, S., Baranwal, S., Mehrnezhad, A., Rathinam, R., Huckaba, T., et al. (2019). Exosomes from nischarin-expressing cells reduce breast cancer cell motility and tumor growth. *Cancer Research*, 79(9), 2152-2166.
- Mehra, R., Bhushan, S., Yadav, U., Bast, F., & Singh, S. (2019). *Caulerpa taxifolia* inhibits cell proliferation and induces oxidative stress in breast cancer cells. *Biologia*, 74(2), 187-193.
- Mittal, R., Rana, A., & Jaitak, V. (2019). Essential oils: An impending substitute of synthetic antimicrobial agents to overcome antimicrobial resistance. *Current Drug Targets*, 20(6), 605-624.
- Mittal, S., Thakur, S., Mantha, A., & Kaur, H. (2019). Bio-analytical applications of nicking endonucleases assisted signal-amplification strategies for detection of cancer biomarkers - DNA methyl transferase and microRNA. *Biosensors and Bioelectronics*, 124-125, 233-243.
- Mudhoo, A., Gautam, R., Ncibi, M., Zhao, F., Garg, V., & Sillanpää, M. (2019). Green synthesis, activation and functionalization of adsorbents for dye sequestration. *Environmental Chemistry Letters*, 17(1), 157-193.
- Nandy, D., Sharma, N., & Senapati, S. (2019). Systematic review and meta-analysis confirms significant contribution of surfactant protein D in chronic obstructive pulmonary disease. *Frontiers in Genetics*, 10(MAR).
- Pal Mittal, R., & Jaitak, V. (2019). Plant-derived natural alkaloids as new antimicrobial and adjuvant agents in existing antimicrobial therapy. *Current Drug Targets*, 20(14), 1409-1433.
- Pramanik, S., Agarwala, P., Vasudevan, K., & Sarkar, K. (2019). Human-lymphocyte cell friendly starch-hydroxyapatite biodegradable composites: Hydrophilic mechanism, mechanical, and structural impact. *Journal of Applied Polymer Science*.
- Pritam, Arya, A., & Sharma, A. (2019). Dielectric relaxations and transport properties parameter analysis of novel blended solid polymer electrolyte for sodium-ion rechargeable batteries. *Journal of Materials Science*, 54(9), 7131-7155.

- Rani, E., Mohshim, S., Ahmad, M., Goodacre, R., Ahmad, S., & Wong, L. (2019). Polymer pen lithography-fabricated DNA arrays for highly sensitive and selective detection of unamplified *Ganoderma boninense* DNA. *Polymers*, *11*(3).
- Reshi, J., & Singh, S. (2019). Investigating the role of code smells in preventive maintenance. *Journal of Information Technology Management*, *10*(4), 41-63.
- Sabavath, G., Shaw, P., Iyengar, A., Banerjee, I., & Mahapatra, S. (2019). Investigation of non linear dynamics of an excitable magnetron sputtering plasma. *Results in Physics*, *12*, 1814-1820.
- Shanker, G., & Kaur, K. (2019). Homogeneous Finsler space with infinite series (α, β) -metric. *Applied Sciences*, *21*, 219-235.
- Shanker, G., & Kaur, K. (2019). Naturally Reductive Homogeneous Space with an Invariant (α, β) -Metric. *Lobachevskii Journal of Mathematics*, *40*(2), 210-218.
- Sharma, A., Singh, H., Batish, D., & Kohli, R. (2019). Chemical profiling, cytotoxicity and phytotoxicity of foliar volatiles of *Hyptis suaveolens*. *Ecotoxicology and Environmental Safety*, *171*, 863-870.
- Sharma, K., & Garg, V. (2019). Recycling of lignocellulosic waste as vermicompost using earthworm *Eisenia fetida*. *Environmental Science and Pollution Research*.
- Sharma, M., Kumar, A., & Ahluwalia, P. (2019). Electron transport and thermoelectric performance of defected monolayer MoS₂. *Physica E: Low-Dimensional Systems and Nanostructures*, *107*, 117-123.
- Sharma, P., & Kumar, S. (2018). Metformin inhibits human breast cancer cell growth by promoting apoptosis via a ROS-independent pathway involving mitochondrial dysfunction: pivotal role of superoxide dismutase (SOD). *Cellular Oncology*, *41*(6), 637-650.
- Sharma, P., Bharat, Dogra, N., & Singh, S. (2019). Small regulatory molecules acting big in cancer: Potential role of mito-miRs in cancer. *Current Molecular Medicine*, *19*(9), 621-631.
- Shevkani, K., Singh, N., Chen, Y., Kaur, A., & Yu, L. (2019). Pulse proteins: secondary structure, functionality and applications. *Journal of Food Science and Technology*.
- Shevkani, K., Singh, N., Rattan, B., Singh, J., Kaur, A., & Singh, B. (2019). Effect of chickpea and spinach on extrusion behavior of corn grit. *Journal of Food Science and Technology*, *56*(4), 2257-2266.
- Shrivastava, N., Jiang, L., Li, P., Sharma, A., Luo, X., Wu, S., et al. (2018). Proteomic approach to understand the molecular physiology of symbiotic interaction between *Piriformospora indica* and *Brassica napus*. *Scientific Reports*, *8*(1).
- Singh, A., Kumar, P., Late, D., Kumar, A., Patel, S., & Singh, J. (2018). 2D layered transition metal dichalcogenides (MoS₂): Synthesis, applications and theoretical aspects. *Applied Materials Today*, *13*, 242-270.
- Singh, G., Mishra, S., & Chander, H. (2019). KIBRA Team Up with Partners to Promote Breast Cancer Metastasis. *Pathology and Oncology Research*.

- Singh, P., & Singh, S. (2019). CHAPTER 9: Nanomaterial-Blood Interactions: A Biomedical Perspective. *Issues in Toxicology*, 2019-January(40), 227-264.
- Singh, P., Bast, F., Bhushan, S., Mehra, R., & Kamboj, P. (2019). Molecular docking and in vitro study of Syzygium cumini-derived natural compounds on receptor tyrosine kinases pathway components. *International Journal of Bioinformatics Research and Applications*, 15(2), 144-158.
- Singh, S., & Kaur, S. (2018). A systematic literature review: Refactoring for disclosing code smells in object oriented software. *Ain Shams Engineering Journal*, 9(4), 2129-2151.
- Singla, H., Kaur, R., Shafi, G., Vashistha, R., Banipal, R., Kumar, V., et al. (2019). Genomic alterations associated with HER2+ breast cancer risk and clinical outcome in response to trastuzumab. *Molecular Biology Reports*, 46(1), 823-831.
- Singla, R., Singla, N., & Jaitak, V. (2019). Stevia rebaudiana targeting α -amylase: An in-vitro and in-silico mechanistic study. *Natural Product Research*, 33(4), 548-552.
- Starnovskaya, E., Kopchuk, D., Khasanov, A., Tanya, O., Santra, S., Giri, K., et al. (2019). Synthesis and photophysics of new unsymmetrically substituted 5,5'-diaryl-2,2'-bipyridine-based "push-pull" fluorophores. *Dyes and Pigments*, 162, 324-330.
- Thakur, S., Choudhary, S., Dubey, P., & Bhardwaj, P. (2019). Comparative transcriptome profiling reveals the reprogramming of gene networks under arsenic stress in Indian mustard. *Genome*, 62(12), 833-847.
- Thakur, S., Choudhary, S., Majeed, A., Singh, A., & Bhardwaj, P. (2019). Insights into the Molecular Mechanism of Arsenic Phytoremediation. *Journal of Plant Growth Regulation*.
- Tuli, H., Tuorkey, M., Thakral, F., Sak, K., Kumar, M., Sharma, A., et al. (2019). Molecular mechanisms of action of genistein in cancer: Recent advances. *Frontiers in Pharmacology*, 10.
- Upadhyay, S., Vaish, S., & Dhiman, M. (2019). Hydrogen peroxide-induced oxidative stress and its impact on innate immune responses in lung carcinoma A549 cells. *Molecular and Cellular Biochemistry*, 450(1-2), 135-147.
- Vasudeva, K., & Munshi, A. (2019). Genetics of platelet traits in ischaemic stroke: focus on mean platelet volume and platelet count. *International Journal of Neuroscience*, 129(5), 511-522.
- Vasudeva, K., Balyan, R., & Munshi, A. (2019). ACE-Triggered Hypertension Incites Stroke: Genetic, Molecular, and Therapeutic Aspects. *NeuroMolecular Medicine*.
- Verma, M., Kumar, S., Das, A., Randhawa, J., & Chamundeeswari, M. (2019). Chitin and chitosan-based support materials for enzyme immobilization and biotechnological applications. *Environmental Chemistry Letters*.
- Yadav, A., & Garg, V. (2019). Biotransformation of bakery industry sludge into valuable product using vermicomposting. *Bioresource Technology*, 274, 512-517.
- Yadav, V., Singh, P., Agarwal, V., & Singh, S. (2019). Crosstalk between platelet and bacteria: A therapeutic prospect. *Current Pharmaceutical Design*, 25(38), 4041-4052.

AWARDS & HONOURS

- Dr. Kamlesh Yadav, Dr. Raj Kumar, Dr. Rajender Singh Dhayal and Dr, Biplob Banerjee were awarded with Best Teacher Award on 10th Foundation Day Celebration of Central University of Punjab.
- Dr. Monisha Dhiman received CUPB Outstanding Research Award for category-I: Science on 10th Foundation Day Celebration of Central University of Punjab.
- Dr. Jajati K. Parida received CUPB Outstanding Research Award for category-I: Humanities on 10th Foundation Day Celebration of Central University of Punjab.
- Dr. Krishna Kanta Halder received research award for the paper with impact factor more than 10 on 10th Foundation Day Celebration of Central University of Punjab.
- Dr. Anjana Munshi, Dr. Monisha Dhiman , Dr. Raj Kumar , Dr, Anil K Mantha , Dr Rakesh Kumar, Dr, Sandeep Singh, Dr. Vinod Kumar, Dr. Somesh Baranwal, Dr. Jajati K. Parida and Dr. Krishan Kant Halder received research award for cumulative impact factor more than 15 on 10th Foundation Day Celebration of Central University of Punjab.
- Mr. Parminder Singh was awarded with the Registrar's Award for Best Non-Teaching Employee (Technical) on 10th Foundation Day Celebration of Central University of Punjab.
- Ms. Taranveer Kaur was awarded with the Registrar's Award for Best Non-Teaching Employee (Administration) on 10th Foundation Day Celebration of Central University of Punjab.
- Mr. Devi Lal was awarded with the Registrar's Award for Best Non-Teaching Employee (Supporting Staff) on 10th Foundation Day Celebration of Central University of Punjab.
- Mr. Kunj Bihari Gupta, A Ph.D. scholar of CUPB was award with the chancellor's Award for Best Students (Ph.D. level) during the 10th Foundation Day Celebration of Central University of Punjab.
- Mr. Vijay Kumar Sharma, a PG student of CUPB was awarded with the Vice Chancellor's Award for Best Students (Master level) during the 10th Foundation Day Celebration of Central University of Punjab.
- Ms. Susmita Karmakar, a PG student of CUPB was awarded the Vice Chancellor's Award for Best Girl Student (Masters Level) during the 10th Foundation Day Celebration of Central University of Punjab.
- Mr. Gaurav Joshi, Mr Jyotiraditya Tripathi and Ms. Bhawana Gautam Ware awarded appreciation Certificate in student category on 10th foundation Day Celebrations of Central University of Punjab.

CUPB News Collage



Students and teachers pose for a photograph at the CUPB Foundation Day Celebrations.

Students, teachers honoured for contribution to research, academics

FOUNDATION DAY CELEBRATION AT CUPB

The annual award ceremony at Central University of Punjab, Bathinda, honoured students and teachers for their contributions to research, academics and sports. The event was held on the occasion of the university's foundation day.

The award ceremony was presided over by the Vice-Chancellor, Prof. K. S. Sharma, and the In-charge of the ceremony, Prof. K. S. Sharma. The award ceremony was held in the presence of the Vice-Chancellor, Prof. K. S. Sharma, the In-charge of the ceremony, Prof. K. S. Sharma, and other faculty members.



A group of people participating in a formal event or award ceremony.

पंजाब में 6 नए कोर्स शुरू

The new master's level degree courses will be introduced at the Central University of Punjab (CUPB) from the 2019 academic session. As per the university website, the new courses are:

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- Master of Business Administration (MBA)
- Master of Public Administration (MPA)
- Master of Science in Information Technology (M.Sc. IT)
- Master of Science in Environment and Ecology (M.Sc. EE)
- Master of Science in Health, Behaviour and Society (M.Sc. HBS)
- Master of Science in Management (M.Sc. M)



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शिक्षा • भारत के नए स्थापित केंद्रीय विश्वविद्यालयों के बीच शीर्ष पर पंजाब केंद्रीय विश्व

सीयू का एनआईआरएफ इंडिया रैंकिंग में 95वां स्थान

समाचार विश्वविद्यालय

पंजाब विश्वविद्यालय के नए स्थापित केंद्रीय विश्वविद्यालयों के बीच शीर्ष पर पंजाब केंद्रीय विश्वविद्यालय का नाम प्रमुख है। एनआईआरएफ इंडिया रैंकिंग में 95वां स्थान प्राप्त करने के साथ ही यह विश्वविद्यालयों के बीच शीर्ष पर स्थित है।



पंजाब विश्वविद्यालय के नए स्थापित केंद्रीय विश्वविद्यालयों के बीच शीर्ष पर पंजाब केंद्रीय विश्वविद्यालय का नाम प्रमुख है। एनआईआरएफ इंडिया रैंकिंग में 95वां स्थान प्राप्त करने के साथ ही यह विश्वविद्यालयों के बीच शीर्ष पर स्थित है।

कैंसर रोग के कारण तलाश कर रही सेंट्रल यूनिवर्सिटी

• सेंट्रल यूनिवर्सिटी के कुलपति प्रो. रविदर कुमार कोहली ने दैनिक सवेरा से सांझा किया विजन

दैनिक सवेरा



पंजाब विश्वविद्यालय के नए स्थापित केंद्रीय विश्वविद्यालयों के बीच शीर्ष पर पंजाब केंद्रीय विश्वविद्यालय का नाम प्रमुख है। एनआईआरएफ इंडिया रैंकिंग में 95वां स्थान प्राप्त करने के साथ ही यह विश्वविद्यालयों के बीच शीर्ष पर स्थित है।

सीयू की विद्यार्थियों ने समझी प्रिंट मीडिया इंडस्ट्री की चुनौतियां



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नए कोर्स में यूनिवर्सिटी शिक्षा वह पहला उद्देश्य: प्रो. कोहली

पंजाब विश्वविद्यालय के नए स्थापित केंद्रीय विश्वविद्यालयों के बीच शीर्ष पर पंजाब केंद्रीय विश्वविद्यालय का नाम प्रमुख है। एनआईआरएफ इंडिया रैंकिंग में 95वां स्थान प्राप्त करने के साथ ही यह विश्वविद्यालयों के बीच शीर्ष पर स्थित है।

कुलगीत

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विज्ञान दृष्टि धारण करके
विद्या की इस फुलकारी से
महके देश का प्रांगण सारा
ज्ञान विज्ञान का मधुर संगम
जीवन मूल्यों का सहारा
ये नवाचार का पाठ पढ़ता
देश विदेश की समझ बढ़ाता
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