

INDEX

Vice-Chancellor's Message

Pg. 01

Major Achievements

Pg. 02

Events / Activities

Pg. 03-09

Annual Sports

Pg. 10

Seminars & Workshops

Pg. 11-13

Faculty Publications

Pg. 14-18

Conferences, Talks, etc.

Pg. 18-22

Faculty Achievements

Pg. 23

Community Service

Pg. 24

CUSB in News

Pg. 25



Editorial

As an Editor it's always an exhilarating feeling to bring out CUSB Times—the coveted Newsletter of Central University of South Bihar. In fact, it boasts you with a deep sense of responsibility, and at the same time, provides the wonderful opportunity to sum-up the noteworthy achievements of the University and present them with celestial creativity. Being an editor, it's a painstaking work to compile the big and small activities of the University, and bring the same for publication in the format of a magazine. But, the couplets 'Determination gives you the resolve to keep going in spite of the roadblocks that lay before you', pumped up my mind with enough strength time-and-again to bring the newsletter in attractive way. The guidance of Hon'ble Vice-Chancellor Prof. H.C.S. Rathore and senior colleagues amalgamated with my self-determination helped to judiciously choose the best stuff to compile this edition of Newsletter.

For CUSB, the one year period (April 2016 – March 2017) was full of happenings and achievements that altogether strengthened the University's journey towards establishing itself as one of the best institutions in the region. While the faculty members didn't left any stone unturned to maintain an impressive academic atmosphere in the University, the students on the other hand comprehended their mentors very well with their persistent efforts in class and laboratory work to give their best. The quest of CUSB fraternity for bringing the University in the lines of the renowned educational institutions of the country was nicely endeavoured by organising series of events around the year. Be it the days of national importance or important days or UGC / MHRD events, seminars / conferences / workshops or community service or common activities, the efforts of CUSB fraternity was highly commendable and catered wide attention.

In this edition of CUSB Times it is tried to give space to all those events, activities, and impressive tales in brief. While flipping the pages of this newsletter the readers would virtually find themselves among those mesmerising events and happenings of the University. So, with high hopes for CUSB to achieve new milestones in the coming time, I am leaving you amidst the galore of stories featuring in this newsletter and signing off with the famous couplets of Benjamin Franklin, "Without continual growth and progress, such words as improvement, achievement, and success have no meaning".

Md. Mudassir Alam

Public Relation Officer (PRO) Editor & Co-ordinator, CUSB Times

Patron Prof. Harish Chandra Singh Rathore, Vice-Chancellor

Supervision Prof. Om Prakash Rai, Pro Vice-Chancellor

Dr. Gayathri Vishwanath Patil, Registrar

Mr. Girish Ranjan, Finance Officer

Mrs. Rashmi Tripathi, Controller of Examinations (I/C)



Vice-Chancellor's Message

"Happiness lies in the joy of achievement and the thrill of creative effort", says Franklin D. Roosevelt, the former US President. This saying encompasses a very deep meaning, which can be a big source of inspiration for a person having progressive thinking and far-sighted vision. I do believe in same and tried to justify it with my sincere efforts in ensuring all-round development of the University by going hand-in-hand with my team comprised of faculty, officers, staff and students. I am delighted to bring the latest edition of Newsletter – CUSB Times, 2016-17 carrying the achievements and success stories of the University. First and foremost, it gives me immense pleasure to share that the construction work of four buildings at Panchanpur, Gaya (the permanent campus of University) is almost completed, which I took as the prime-important task just after assuming the office on August 5, 2015 as the Vice-Chancellor. Finally, after the long wait of about eight years the dream of getting the own 'Abode' is going to be fulfilled most probably by June 2017, which would surely propel the fast growth of the University.

Coming back to the achievements of past one year period (April 2016 – March 2017), it started in a quite encouraging way as the University secured 94th position in the **National Institutional Ranking Framework (NIRF)** ranking declared by Ministry of Human Resource Development (MHRD), Govt. of India on 4th April, 2016. Further, CUSB bagged 'A' grade from the **NAAC (National Assessment and Accreditation Council)**, which was officially notified on 25th May, 2016. The highly talented faculty members, besides their regular teaching and research curriculum actively participated in co-curricular activities including seminars, workshops, conferences, papers / articles / books publications, etc. The active participation of students in University level activities as well as other reputed educational institutions of the country was equally praiseworthy. Both the faculty as well as students with their participation in such activities brought laurels for the University.

Before I conclude, I feel the one-year period would be somehow incomplete without specifically mentioning about the 'Digital Economy' campaign, which ran successfully in the University as per the guidelines received from MHRD, Govt. of India. Under my guidance the faculty, staff and students enthusiastically participated in VISAKA (Vittiya Saksharata Abhiyan) and the University swiftly transformed to become 'cashless' in all types of transactions. Lastly, we are committed towards our goal to develop CUSB as a Centre of 'Academic Excellence' in the region, which seems achievable with combined efforts of University's stakeholders amidst the pristine surroundings of Panchanpur at Gaya – our splendid upcoming campus.

(Prof. Harish Chandra Singh Rathore)

Major Achievements

NAAC Accredited "A" Grade to CUSB



The Central University of South Bihar (CUSB) bagged 'A' grade from the NAAC (National Assessment and Accreditation Council), which was notified after the 15th meeting of the Standing Committee held on 25th May, 2016. An eight-member NAAC Peer Review Team led by Prof. Mehraj-Ud-Din Mir, Vice-Chancellor of Central University of Kashmir made an inspection to Patna and Gaya campuses of the University during April 26 – 29, 2016. Prof. Mir was accompanied by Prof. K.K. Bajaj (Member Coordinator), former Dean CDC & Controller of Examinations, Himachal Pradesh University, Prof. S. B. Singh, former Principal RIE, Ajmer, Head, School of Life Sciences, Devi Ahilya University, Indore, Dr. M. Vimala, Dept. of Hindi, Bangalore University, Prof. Nasib Singh Gill, Dept. of Computer Science, Maharshi Dayanand University, Rohtak, Prof. R. K. S. Dharkrey, Dept. of Chemistry, Dr. Ambedkar University, Agra and Prof. G. P. Thakur, former Prof. of Psychology, Mahatma Gandhi Kashi Vidyapeeth. The NAAC Peer Team in its four-day long trip inspected the available resources and amenities of the University, interacted with faculty, staff and students including alumni and their parents, and awarded 'A' grade accordingly.

NIRF 2016 - CUSB ranked as No.1 University of Bihar

In the National Institutional Ranking Framework (NIRF) ranking declared by Ministry of Human Resource Development (MHRD), Govt. of India on 4th April, 2016, CUSB was listed among top 100 Universities of the country. By securing 94th position, CUSB became the only University in Bihar to find a place in NIRF ranking and secured 1st position in the state as well.



UGC / MHRD EVENTS

International Yoga Day (21st June, 2016)

On the occasion of globally acclaimed International Day of Yoga, CUSB organised a special one-hour Yoga practicing session on June 21, 2016. The session conducted under the supervision of CUSB VC Prof.

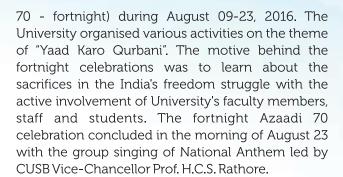


H.C.S Rathore, was led by DSW Dr. Sanat Kr. Sharma as per the Common Yoga Protocol (CYP) structured by the Ministry of Ayush, Govt. of India. The one-hour session started with the prayer in meditative posture called Namaskara Mudra. The CYP Yoga was undertaken in various Yogaasana (Yoga postures) such as standing postures, sitting postures, prone lying postures, and supine lying postures.

'Azaadi 70' Pakhwada (August 9 - 23, 2016)

As per the guidelines received from MHRD, CUSB celebrated the 'Azaadi 70' pakhwada (Independence





Swachh Bharat Pakhwada (September 1-15, 2016)

The University observed the Swachh Bharat Pakhwada during September 1-15, 2016, as per the instructions of UGC and MHRD, Govt. of India.



The pakhwada was organised with main thrust in the activities like upkeep & cleaning of offices including common area premises, toilets, stairs, etc., and areas outside the office including parking lots, pathways, etc. A number of activities were organised during this pakhwada, which witnessed active participation from students, faculty, staff and officers including VC, Pro-VC, Registrar, DSW, Proctor and Wardens.

हिंदी पखवाड़ा (१४ – २८ सितम्बर, २०१६)

दक्षिण बिहार केंद्रीय विश्वविद्यालय के पटना एवं गया कैम्पस में 14-28 सितम्बर, 2016 के बीच हिंदी पखवाड़ा मनाया गया, जिसके तहत राजभाषा पर आधारित विभिन्न कार्यक्रम आयोजित किए गए। विश्वविद्यालय के हिंदी अधिकारी सह सहायक निदेशक (राजभाषा)



UGC / MHRD EVENTS

श्री प्रतीश कुमार दास के नेतृत्व में हिंदी दिवस पखवाड़े के अंतर्गत भाषण प्रतियोगिता, काव्य-पाठ प्रतियोगिता, टिप्पण व प्रारूपण प्रतियोगिता, प्रश्नोत्तरी प्रतियोगिता आदि आयोजित किए गए। पखवाड़े का औपचारिक उद्घाटन गया कैंपस में किया गया, जिसका मुख्य उद्देश्य राजभाषा के महत्वता और उपयोगिता से समस्त विश्वविद्यालय परिवार को अवगत कराना था। इस पखवाड़े के अंतर्गत 'राजभाषा हिंदी: उपलिक्धियों व



चुनौतियां शिर्षक पर भाषण प्रतियोगिता एवं काव्य-पाठ प्रतियोगिता का आयोजन किया गया। वहीं विश्वविद्यालय के कर्मचारियों हेतु एक हिंदी कार्यशाला का आयोजन भी किया गया, जिसमें राजभाषा के प्रयोग को बढ़ावा देने हेतु प्रशिक्षण प्रदान किया गया। पखवाड़े का समापन 28 सितम्बर को प्रति-कुलपति प्रो. ओम प्रकाश राय द्वारा विभिन्न प्रतियोगिता के विजेताओं को पुरुस्कृत करके किया गया।

Vigilance Awareness Week (November 14-19,2016)

Based on the guidelines received from Central Vigilance Commission (CVC), CUSB observed the



Vigilance Awareness Week (VAW) during November 14-19, 2016. Various activities were organised under the supervision of CVO Mrs. Rashmi Tripathi and coordinator VAW Dr. Kinshuk Pathak, Asst. Prof., CMS. An essay writing competition was organised on the topic "Public Participation in Promoting Integrity and Eradicating corruption". Under the VAW, the University fraternity took the pledge to continuously strive to bring about integrity and transparency in all spheres of their activities.

Cashless India Drive (12th Dec, 16 – 31st March, 2017)

CUSB ran a massive awareness campaign for "Cashless India", starting from 12th December, 2016, which continued till 31st March, 2017. The awareness campaign ran under the supervision of VC Prof. H.C.S. Rathore. The students, faculty, officers and staff were made aware about the cashless transaction and its modes such as USSD, Aadhar, Cards, PoS, e-Wallet and UPI. Within a short-span CUSB started cashless transactions for almost all types of payment including fee. Under the drive the students visited different areas in Patna and Gaya, and made people aware about digital transaction



through street-plays, posters, banners, slogans and quiz competition. The groups of students also hold the helpdesk at the nearby banks for making the customers aware about the digital transaction. In fact, in the Vittiya Saksharata Abhiyan (VISAKA), the University fared very well and secured its place among the top 10 institutions of the country in the number of registered participants.



IMPORTANT DAYS

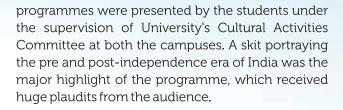
Independence Day (15th August, 2016)

With the hearts soaked in patriotic feeling, the CUSB family celebrated the Independence Day. The national tri-colour was hoisted by CUSB VC Prof. H.C.S. Rathore and Pro VC Prof. O.P. Rai in Patna and Gaya campuses respectively. After hoisting the national flag the Vice-Chancellor in his speech spoke about the responsibilities of a citizen as an



Indian and being a true patriot. He said the basic moral values of a child comes from the mother, hence the teachings of mother should be given prime importance in order to make India a beautiful and prosperous nation. While at Gaya, the Pro VC expressed his views about the Independence Day and significance of the independence for the country and its people. Mesmerising cultural





Republic Day (26th January, 2017)

'Self-governance is my birth right' but at the same time responsibility comes on our shoulders to justify the same with our sincere and active involvement in nation building, said Prof. H.C.S. Rathore, VC, CUSB during his Republic Day address at Patna campus. Lokmanya Titak didn't say that self-governance is 'our' birth right, in fact, he said self-governance is 'my' birth right. This literally means that we all citizens of India are equally responsible for nation building and managing its affairs, said Prof. Rathore. The cultural programmes, skits, songs, gawwali, dance, etc. presented by the students were highlights of the Republic Day celebrations. The winners and best-performers of Annual Sports Competition were given the trophies, medals, awards and certificates. Likewise, at Gaya campus, the national flag was hoisted by Pro VC Prof. O. P. Rai, followed by cultural programmes performed by the students under the guidance of Cultural Activities Committee members.





IMPORTANT DAYS

Veer Kunwar Singh Jayanti (23rd April, 2016)

A seminar was organised on the occasion of birth anniversary of freedom fighter Babu Veer Kunwar Singh by the Centre for Sociological Studies at Gaya campus. Dr. Sudhanshu Kr. Jha, Asst. Prof., History delivered a lecture on first freedom struggle of 1857 and the active role of Veer Kunwar Singh. In the seminar Prof. S. N. Singh, Dr. Sanat Kr. Sharma, Dr. Parijat Pradhan, Dr. Yogesh Pratap Shekhar and Dr. Abhay Kumar also expressed their views.

World Cartoon Day (05th May, 2016)

On the occasion of World Cartoon Day, 5th May, 2016, 'Renaissance' the students' circle of CUSB invited the



noted cartoonist Mr. Pawan Toon, associated with Hindustan Dainik. He shared his personal experience as a cartoonist and the techniques used to develop a 'cartoon character'. The event was organised under the supervision of Renaissance faculty co-ordinator Mr. Sujit Kumar.

Anti-Terrorism Day (20th May, 2016)

As per the guidelines of Ministry of Home Affairs Govt. of India the Anti-Terrorism Day was celebrated at CUSB with the objective to wean away the youth from terrorism, and the cult of violence by

highlighting the sufferings of common people and showing as to how it is prejudicial to the national interest. The faculty members, officers, staff and students also took anti-terrorism pledge at the end of the programme.

Munshi Premchand Jayanti (2nd August, 2016)

Renowned novelist, story writer and dramatist Munshi Premchand was remembered on the occasion of 136th birth anniversary at CUSB. The student's circle "Renaissance" organised the programmes based on the life history of Premchand. The movie based on Premchand's coveted novel 'Kafan', directed by Gulzar was screened. Dr. Kinshuk Pathak, Asst. Prof., CMS in his speech shared the unexplored facts about Premchand, one of the most celebrated writers of Indian subcontinent.

International Peace Day (21st September, 2016)

On the occasion of 'International Peace Day' celebrated worldwide on September 21, 2016 the University organised a series of programmes at Gaya campus. The day started in a quite different way by ringing of the 'Peace Bell'. A panel discussion organised on the theme "World Peace: Need for new Alternative", was actively participated by Prof. S.N. Singh (Dean SSSP), Prof. S. P. Srivastava (Dean, SLG), Dr. Alok Kr. Gupta (Political Studies), Prof. Rekha Agarwal (Dean, Education), Dr. Sanat Kr. Sharma (DSW) and other faculty members. A poster making competition was also organised for students on this day.





IMPORTANT DAYS

Shaheed Bhagat Singh Jayanti (28th September, 2016)

CUSB remembered the great patriot Shaheed Bhagat Singh on the occasion of his 109th birth anniversary. Pro VC Prof. O.P. Rai spoke about his life and sacrifices for the country in the event organised by the student's circle "Renaissance". Renaissance members Gaurav and Zeeshan read the last letter written by Bhagat Singh before he was hanged to



death by the British government. Also, the Manoj Kumar starrer movie 'Shaheed' based on the life of Bhagat Singh was screened. Likewise, at Gaya campus a Panel discussion on Bhagat Singh was organised under the supervision of DSW Dr. Sanat Kr. Sharma.

Gandhi & Shashtri Jayanti (2nd October, 2016)

The birth anniversary of father of nation Mahatma Gandhi and Lal Bahadur Shashtri, former Prime



Minister of India falling on 2nd October was celebrated with great enthusiasm. The students and faculty of the University participated in various activities organised on this occasion. A workshop was organised on this day, in which faculty member namely, Dr. Samapika Mahopatra (DVS), Dr. Sudhanshu Kr. Jha (History), Dr. Sumit Kr. Pathak (Political Studies), and Dr. Parijat Pradhan (Sociology) spoke about the legendary personalities. The workshop concluded with vote of thanks proposed by Dr. Priya Ranjan. On this occasion a poster making competition was also conducted for students of the University.

Mental Health Day (17th October, 2016)

There is no health without Mental health said Prof. Rajesh Kumar, Head, Dept. of Psychiatry, IGIMS while talking on the topic "Psychological First Aid & Mental



Health" during the World Mental Health Day organised by the Centre for Psychological Sciences (CPS) of CUSB on 17th October 2016. Prof. Kumar, tried to draw the attention towards the topic with various instances and related facts about the Psychological First Aid (PFA), which is primarily neglected. The UG and PG students of CUSB and other educational institutions participated in PPT competition on the topic "Mental Health & Psychosocial approach to the management of mental health problems". Earlier the welcome speech was given by Dr. Narsingh Kumar, Asst. Prof., CPS, CUSB.



IMPORTANT DAYS

National Unity Day (31st October, 2016)

The 141st birth anniversary of India's great freedom fighter and India's first Home Minister Sardar Vallabh Bhai Patel was celebrated as National Unity Day on 31st October, 2016. Elocution and slogan writing competition were organised at Patna. The topic of elocution was "Relevance & Importance of Sardar



Patel in today's India" and the theme of slogan writing competition was "Unity". At Gaya campus the 'Run for Unity', essay and quiz competition on the topic 'role of Sardar Vallabhbhai Patel in national integration' were organised. The Pro VC Prof. O.P. Rai led the run participated by students, faculty and staff. A panel discussion led by Dr. Alok Kumar Gupta and Mr. Shanti Bhushan was organised on the works of Sardar Patel.

National Education Day (11th November, 2016)

Great freedom fighter and first education minister of India, Maulana Abul Kalam Azad was remembered at CUSB on 11th November, 2016, the day celebrated as National Education Day in the country. On 128th birth anniversary of Maulana Azad, a series of events were organized at Patna and Gaya campuses. On this occasion a symposium was organized at Patna campus in which faculty members from Mass Communication dept., namely Dr. Atish Prashar, Mr.

Sujeet Kumar, Dr. Anindya Deb and Dr. Ravi Suryavanshi expressed their views about Maulana Azad. At Gaya campus a talk on the theme "Abul Kalam Azad's Vision on Education" was delivered by Dr. Priya Ranjan (Asst. Prof., Sociology).

Constitution Day (26th November, 2016)

CUSB celebrated the Constitution Day in the lines of nationwide celebration on November 26, 2016. Many competitive and non-competitive events organised that included Poem recitation, Poster



Making, Quiz, Speech Competition and Street Play. Chief Guest Mr. Sanjay Kumar, ACJM cum Sub Judge, Gaya attended the valedictory session and awarded the winners of various competitive events. On this occasion Prof. Prabhat Kr. Singh, Dean, SIFL, Prof. S. P. Srivastava, Dean, SLG, Dr. Kaushal Kishore, Dr. Pawan Kr. Mishra also presented their views on the various aspects of Indian constitution.

Human Rights Day (10th December, 2016)

On the Human Rights Day the School of Law and Governance organised a Panel Discussion on the theme "Rule of Law and Vulnerable Class in India". The panel discussion was inaugurated by Pro-VC Prof. O.P. Rai and participated by faculty members Dr. Alok Kr. Gupta (PS), Dr. Jitendra Ram (SS), Dr. Anuj Lugun (Hindi), Dr. Arpana Jha (English), Prof. S.P. Srivastava (Head, Law). Dr. Sudhanshu Kr. Jha, Mr. Deo Narayan Singh and Dr. P.K. Das.



IMPORTANT DAYS

National Youth Day (12th January, 2017)

The 154th birth anniversary of India's youth icon Swami Vivekananda was celebrated as National



Youth Day on 12th January, 2017. Various activities were organised at both the campuses of the University. Speaking on this occasion, Prof. Arun Kr. Sinha (Head, Statistics) invoked the call given by Swami Vivekananda to serve the society. "Youth has the power to change the direction and face of society", said Prof. T. B. Singh (Head, Psychology). Dr. Atish Prashar (Head, CMS) also shared his views about Vivekananda. At Gaya, a short play on the life Vivekananda was performed by the students. Prof. Rekha Agrawal (Dean, Education), Dr. Alok Kr. Gupta (Political Science), and DSW Dr. Sanat Kr. Sharma gave insightful lectures on Vivekananda.

World Cancer Day (04th February, 2017)



Tobacco and smoking are the major reasons to cause cancer, in fact, it counts for 40 % of the total cases, said Dr. Pritanjali Singh, Head – Dept. of Radiation Oncology, AIIMS, Patna at CUSB on the eve of World Cancer Day. Dr. Singh delivered a lecture to spread awareness about Cancer among the CUSB fraternity. After the lecture, Dr. Singh answered the queries of the audience regarding the deadly disease of cancer. CUSB Registrar Dr. G. V. Patil also spoke about the disease of cancer and its consequences.

National Science Day (28th February, 2017)

CUSB remembered Nobel Laureate and great scientist Sir Chandrasekhara Venkata Raman by



celebrating the National Science Day on 28th February, 2017. Essay writing, poster making and quiz competitions were organized in which around 100 students participated. The theme for this year's celebration was "Science and Technology for Specially Abled Persons". The purpose of celebrating the day was to create awareness about the crucial role of science in day-to-day life of common people. A panel discussion was also conducted on this occasion which was participated by Dr. Vijaya Shankar Sharma and Mr. Satya Van Mishra from Dr. Shakuntala Misra National Rehabilitation University, Lucknow, Mr. Nirmal Verma of Perkins School for the Blind, and Dr. Abodh Kumar & Dr. Sudhansu Kr. Jha of CUSB.



Annual Sports





Annual Sports @ Patna Campus

The Annual Sports Carnival (competitions) started at Patna campus of University on 16th January, 2017 with an inaugural cricket match played at STF ground adjacent to University campus. The 10-days long (January 16 - 25, 2017) sports carnival was inaugurated by Registrar Dr. G.V. Patil in presence of University's Sports Committee coordinator Dr. Rajesh Kr. Ranjan (Asst. Prof., EVS) and members Dr. Ravi Suryavanshi (Asst. Prof., CMS), Dr. Amrita Srivastava (Asst. Prof. LS), Dr. K.K. Ojha (Asst. Prof. Bioinformatics), Dr. Anil Kumar (Asst. Prof., Bioinformatics) and Mr. Arvind Tigga (Caretaker). Besides cricket, the games of badminton, table tennis, carom and chess were enthusiastically participated by boy and girl students of the University. A friendly cricket match between faculty members and staff of the University was also organised, which was guite entertaining and attended by CUBS Vice-Chancellor Prof. H.C.S. Rathore alongwith other officials.



Annual Sports @ Gaya Campus

The Annual Sports Meet, 'Indradhanush - 2017: Be CalmLet it Rain' was organised during February 6 – 11, 2017. PVC of CUSB Prof. O.P. Rai inaugurated the sports meet with a Volley Ball match. This event was coordinated by the Sports Committee comprised of Dr. Samapika Mohapatra as Chairperson and Mr. Atish Kumar Dash, Dr. Mitanjali Sahoo, Dr. Parijat Pradhan and Dr. Digvijay Singh as members. The students were divided into four houses namely, House of Courage, House of Peace, House of Truth & House of Prosperity. On the inaugural day, the events like volleyball, carom and chess were conducted at CUSB Gaya campus. Indoor events like badminton, table tennis were held at Gandhi Maidan Indoor Hall, while football, cricket and kabaddi were held at Magadh University Play Ground, Gaya.



Seminars & Workshops

National Seminar on Ambedkar (13th April, 2016)

A one-day national seminar on the theme 'Ambedkar's Ideas on India's Political Economy' was organised on 13 April, 2016 to commemorate 125th



birth anniversary of Bharat Ratna Dr. Bhim Rao Ambedkar. Organised by the Centre for Political Studies (CPS), the seminar was attended by Prof. K.K. Mishra, Head, Dept. of Political Science, BHU as the chief guest.

National Seminar on Drug Designing (November 18 – 19, 2016)

A two-day national seminar on "Protein Structure Prediction and Drug Design" was organised by the Bioinformatics programme of Centre for Biological Sciences (CBS) of CUSB during November 18 - 19, 2016. The seminar was inaugurated by Pro Vice-



Chancellor Prof. O.P. Rai, chief guest Prof. G. Narahari Sastry from IICT, Hyderabad, guest of honour Dr. Pradeep Das, Director, RMRI, Patna and other dignitaries. In the inaugural talk on 'Lead Optimization in Drug Design: Modeling Efficacy, specificity and toxicity', Prof. G. Narahari Sastry discussed about the interdisciplinary nature of present day research. Dr.

Pradeep Das, Prof. R.S. Rathore and Prof. R.K. Singh highlighted the usefulness of bioinformatics. Around 100 delegates comprised of faculty, researchers and students attended the two-day national seminar.

Workshop on Basic Tools & Technique in Biotechnology (November 24 – 30, 2016)

A one-week long training-cumworkshop on 'Basic Tools and Technique in Biotechnology' (TWBTBB – 2016) was organised by Biotechnology programme of Centre for Biological Sciences of CUSB during November 24 - 30, 2016. The workshop was inaugurated by CUSB VC Prof. H.C.S. Rathore in presence of chief



guest Prof. S.P. Singh from BHU, Varanasi, guest of honour Prof. Ashok K. Ghosh, Head, Research Centre, Mahavir Cancer Sansthan, Patna, Prof. R. K. Singh, Head, CBS and Dr. Rizwanul Haque, Co-ordinator, Biotechnology. Prof. Ashok K. Ghosh delivered a scientific talk on 'Arsenic: The slow poison' and reported about the presence of arsenic contamination in 18 districts of Bihar Prof. S. P. Singh introduced about the various branches of Biotechnology such as green, red, white and blue Biotechnology, CUSB VC said a Biotechnologist should know the art of writing and learn to handle the latest instruments. Major themes covered in the workshop mainly involved the experiments related to Plant and Animal Cell/Tissue Culture, Gene Cloning, Use of Drosophila as model system.

National Seminar on Current Trends in Life Science (February 20 – 21, 2017)

If we wish to save the national aquatic animal 'Dolphin' from extinction then strict laws (acts) needs to be framed by the government, said Padmashree Prof. R. K. Sinha, Dept. of Zoology, Patna University, Prof. Sinha was speaking on the inaugural day of national seminar on 'Current Trends in Life Science' organised by Life Science programme of Central for Biological Sciences (CBS) of CUSB on 20th February, 2017. Famed as 'Dolphin Man' Prof. Sinha delivered the keynote talk entitled 'Current Status and Conservation of the Ganges River Dolphin in India. The inaugural session was chaired by Prof. O. P. Rai, PVC CUSB in company of Dr. Pradeep Das, Director, RMRIMS, Patna, Prof. R. K. Sinha, patron Prof. R.S. Rathore, Dean, SEBES, Dr. Rizwanul Hague, Head CBS. The chief guest Prof. Das talked about his 30-years long work with special focus on Kala-azar disease. Besides talks by various experts, the poster session by the students / researches and emerging scientist award were other highlights of the two-day seminar.



National Seminar on Cashless Economy (March 03-04, 2017)

Media can play a major role in ensuring the success of government's ambitious cashless economy drive. In fact, with the help of media, the concept of cashless economy may succeed and



Seminars & Workshops

bring a revolutionary change. Such opinions erupted out from the minds of experts participated in the two-day national seminar on the topic "Media as a Medium towards cashless economy" organised by the Centre for Mass Communication and Media (CMS) of CUSB during March 03 - 04, 2017, CUSB VC Prof. H.C.S Rathore in his speech drew the similarities between teaching and media professions, and asked the people associated with the profession to fulfil their duties with sincerity. While the keynote speaker Prof. Singh presented a balanced view on cashless economy and elaborated its pros and cons. On this occasion Mr. Swant Ranjan and Mr. Siddhartha Mishra also



shared their views on cashless economy. Around 60 scholars and academicians presented the papers in six technical sessions of the two-day seminar.

National Seminar on Psychology (March 24 – 26, 2017)

By making slight modifications in lifestyle any type of mental illness can be cured and it is an important component in psychiatric treatment said, Prof. R. K. Chadda, Head, Dept. of Psychiatry, All India Institute of Medical Sciences (AIIMS), Delhi on the inaugural day of three-day national seminar organised by the Centre for Psychological Sciences (CPS) of CUSB during March 24 – 26, 2017. Delivering the key note address on "Psychological Sciences: Current Perspective and

Emerging avenues of Practice, Training & Research", Prof. Chadda emphasized upon the importance of joint family in the development of a child's personality. As the guest of honour,



Prof. S. P. K. Jena from University of Delhi insisted that with the help of an interdisciplinary approach, Psychology can be helpful in serving the Indian society. Dr. Smriti Joshi, a renowned psychologist at E-psyclinic talked about Online Counselling and Psychotherapy Services and its relevance in Indian context. Prof. T.B. Singh, Head (I/C) Psychology gave a brief introduction about the theme of seminar along with its relevance.

National Seminar on India's Foreign Policy during Modi's Regime (March 28 – 29, 2017)

The Centre for Political Studies (CPS) of CUSB organised a two-day national seminar on the topic "Non-Traditional Issues in India's Foreign Policy during



the Modi's Regime" on March 28 – 29, 2017 at Gaya. The chief guest Prof. K. K. Mishra from BHU in his key-note address said that Modi's doctrine

focuses on "Indian First", which is reflected in India's foreign policy. Prof. Margret Lakra, HoD, Political Science, Vinobha Bhave University, Prof. Ehtasham Khan, Magadh University, Gaya, Prof. S.N Singh, Dean and HoD of CPS spoke on the topic as the main speakers. Many papers were presented and discussed by the participants in the two-day national seminar.

National Seminar on Uniform Civil Code (March 30 – 31, 2017)

The Centre for Political Studies (CPS) of CUSB organised a two-day national seminar on "Imperative of Uniform Civil Code" during March 30 – 31, 2017 at Gaya College. Mr. Sanjay Paswan, former MP said that India is diverse in nature and unity and uniformity should go on side by side. Mr. Kumar Prashant, Former President, Gandhi Peace



Foundation, said that while framing UCC the modality of Talaaq should be taken care. Prof. Md. Sharif, Head, Dept. of Law, Patna University, Prof. S. B Singh, Dept. of Pol. Sci., BHU, Prof. B.P Singh of Vinoba Bhave University, Mr. M.A Kazmi, former IG, presented the views on the topic. Altogether 37 research papers were presented and discussed during the two days of seminar.

Workshop on Print Media (November 21 – 25, 2016)

The Centre for Mass Communication and Media (CMS) conducted a four-day workshop-cum-training programme on print media during November 21-25, 2016. The workshop on the theme "Innovations and Importance of the



print media" brought together the participants from the University and diverse print media representatives. Learned speaker and deputy editor of Hindustan Hindi daily Mr. Kamlesh



Varma gave an overview on project aim, objectives, and anticipated outcomes of this novel initiative during the workshop.

Workshop on Econometrics with 'R' (January 23 – 25, 2017)

A three-day workshop on 'Econometrics with R' was organised by the Centre for Economic Studies and Policies (ESP) of CUSB at Gaya campus during January 23 – 25, 2017. The resource person of the workshop Prof. Neeraj Hatekar from Mumbai University described about Econometrics and Application of Econometrics by using 'R' software. While inaugurating the workshop CUSB PVC



Prof. O. P. Rai stressed upon the role of Innovation particularly in field of Economics and use of softwares like 'R'.

Workshop on Speaking Skills (February 06-07,2017)

A two-day workshop on Speaking (communication) Skills was organised by the Centre for Foreign Languages (English), CUSB during February 06-07,



Seminars & Workshops

2017. The workshop was inaugurated by CUSB PVC Prof. O.P. Rai in presence of Prof. S.N. Singh, Prof. S. P. Srivastava, Dr. Sanat K. Sharma and a host of faculty members in addition to the rapporteurs and the enthusiastic audience. Prof. Prabhat K. Singh, Head, CFL (English) introduced the theme of the workshop in consonance with the design of the workshop in four sessions addressing 'Impromptu Speaking', 'Pronunciation', 'Presentation Skills' and 'Interview Techniques'.

Workshop on Time-Series Econometrics (February 23 – 25, 2017)

A three-day national workshop on the topic 'Time-Series Econometrics' was organised by the Centre for Economic Studies and Policies (CESP) during February 23 – 25, 2017. As the resource person Prof. Vijayamohanan Pillai N. from the Centre for Development Studies, Thiruvananthapuram, Kerala shared his views on the topic of Econometrics. A specialist in Application of Econometrics using softwares, Prof. Pillai highlighted different aspect. CUSB PVC Prof. O. P. Rai, CESP Head (I/C) Dr. Abodh Kumar, and other faculty members Mr. Atish Kr. Dash also spoke about Econometrics,

Workshop - Education in Digital Era (March 24 - 25, 2017)

A two-day national seminar-cumworkshop entitled 'Education in Digital Era: Concerns & Challenges' was organised by the School of Education, CUSB on March 24 – 25, 2017. The chief guest Prof. B. K. Tripathi, Director, IUCTE in his inaugural speech said that



we should use the ICT as opportunity for maximum output of teaching and learning. In the keynote speech Prof. Pradeep Kumar Mishra, from C.C.S. University, Meerut, discussed the concept of ICT, its importance and limitations. CUSB PVC Prof. O. P. Rai, Prof. Rekha Agrawal, Dean, Education, CUSB, Dr. Ravi Kant, Organizing Secretary and Prof. Kaushal Kishore, CUSB also shared their views.

Workshops under PMMMNMTT Scheme (March - 2017)

The School of Education, CUSB organised a series of workshops under under the PMMMNMTT (Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching) scheme of MHRD at Gaya in the month of March, 2017. On 8th March, 2017 a workshop on the theme 'Teaching-Learning Strategies & Assessment Techniques' was organized. On 18th March, 2017, the workshop on 'Transforming Instructional Objective into Learning Outcomes' was organised to provide a platform to discuss about the qualitative modification in teachinglearning process. The series of events concluded with the workshop entitled 'Bringing Laboratory in the Classroom' organised on 30th March, 2017.

राष्ट्रीय संगोष्ठी - "अस्मितामूलक साहित्य का सौन्दर्यशास्त्र'' (17-18 फरवरी, 2017)

दक्षिण बिहार केन्द्रीय विश्वविद्यालय के भारतीय भाषा केंद्र (हिंदी-उर्द्) द्वारा "अस्मितामूलक साहित्य का सौन्दर्यशास्त्र' विषयक पर दो दिवसीय संगोष्ठी का आयोजन किया गया, जिसमें देश के विभिन्न हिस्सों से आए सैकडो प्रतिभागियों ने हिस्सा लिया। गया के रेनेसां में संगोष्ठी का उद्घाटन करते हुए विश्वविद्यालय के प्रतिकुलपति प्रो. ओम प्रकाश राय ने कहा कि साहित्य में जाति व धर्म के नाम पर विभेद उचित नहीं है। संगोष्ठी में विशिष्ट वक्ता के रूप में बनारस हिन्द विश्वविद्यालय के पूर्व आचार्य और प्रसिद्ध बहुजन बुद्धिजीवी प्रो. चौथीराम यादव ने संगोष्ठी के बीजवक्तव्य में बोलते हुए 'स्थापित सौन्दर्यशास्त्र को अस्मितावादी चुनौतियाँ' के विभिन्न सन्दर्भों को रेखांकित किया। इस संगोष्ठी में महर्षि दयानद विश्वविद्यालय की प्रो. रोहिणी अग्रवाल, प्रसिद्ध वामपंथी आलोचक प्रो. वीरेंद्र यादव, सेवानिवृत जज जवाहर लाल कॉल "व्यग्र", प्रसिद्ध आदिवासी लेखिका वदना टेटे आदि ने भी अपने विचार रखे।

Biotechnology, CBS

Dr. Rizwanul Haque, Head, CBS

- * Rizwanul Haque, Jianyong Song, Mohammad Haque, Fengyang Lei, Praneet Sandhu, Bing Ni, Songguo Zheng, Deyu Fang, Jin-Ming Yang and Jianxun Song. c-Myc-Induced Survivin Is Essential for Promoting the Notch-Dependent T Cell Differentiation from Hematopoietic Stem Cells. Genes (Basel). 2017 Mar 6;8(3). pii: E97. doi: 10.3390/genes8030097. PMID: 28272325, Impact Factor: 3.24, ISSN 2073-4425 UGC ID- 13159
- Saif Ahmad, Nehal M. El-Sherbiny, Mohammad Sarwar Jamal, Faisal A. Al-Zahrani, Rizwanul Haque, Raziuddin Khan, Sayed Kashif Zaidi, Mohammed H. Al-Qahtani, Gregory I. Liou, Kanchan Bhatia. (2016). Antiinflammatory role of sesamin in STZ induced mice model of diabetic retinopathy. Journal of Neuroimmunology. 295–296, 2016 47–53. Impact Factor: 2.566.ISSN: 0165-5728.

Dr. Rakesh Kumar, Associate Prof.

- Kumar R. A Review on Epoxy and Polyester Based Polymer Concrete and Exploration of Polyfurfuryl Alcohol as Polymer Concrete. Journal of Polymers. 2016, Article ID 7249743 (Hindawi Publication)
- Kumar R. Aluminium /iron reinforced polyfurfuryl alcohol resin as advanced Biocomposites. AIMS Materials Science 2016, Vol. 3(3), pp 908-915 (ESCI).
- * Kumar R. Ch. 6 Mechanical and Optical Properties of Soy Protein and Polylactic Acid Based Biofilms in Biofilms: Characterization, Applications and Recent Advances. Dr Judith Henderson(Ed.) 2016, (ISBN:978-1-62808-412-2) Nova Science Publisher, New York, USA.

Dr. Nitish Kumar, Asst. Prof.

- Modi A, Suthar K, Thakkar P, Mankad MC, N Subhash, Singh AS, Kumar N* (2016) Evaluation of sex specific RAPD and SCAR markers linked to papaya (Carica papaya L.). Indian journal of Biotechnology. (In press)
- * Kumar H, Priya O, Singh N, Kumar M,

- Choudhary BK, Kumar L, Singh IS, Kumar N* (2016) RAPD and ISSR markers based comparative evaluation of genetic diversity among Indian germplasm of Euryale ferox: An aquatic food plant. Applied Biochemistry and Biotechnology. 180:1345–1360 (Springer Publishing)
- Satyapal GK, Rani S, Kumar M, Kumar N* (2016) Potential Role of Arsenic Resistant Bacteria in Bioremediation: Current status and future prospects. Journal of Microbial & Biochemical Technology. 8: 256-259.

Dr. Lokendra Kr. Sharma, Asst. Prof.

- Mishur RJ, Khan M, Munkácsy E, Sharma L, Bokov A, Beam H, Radetskaya O, Borror M, Lane R, Bai Y, Rea SL. Mitochondrial metabolites extend lifespan. Aging Cell. 2016 Apr;15(2):336-48.] (Impact Factor: 6.34)
- Edmunds LR, Otero PA, Sharma L, D'Souza S, Dolezal JM, David S, Lu J, Lamm L, Basantani M, Zhang P, Sipula IJ, Li L, Zeng X, Ding Y, Ding F, Beck ME, Vockley J, Monga SP, Kershaw EE, O'Doherty RM, Kratz LE, Yates NA, Goetzman EP, Scott D, Duncan AW, Prochownik EV. Abnormal Lipid Processing but Normal Long-Term Repopulation Potential of myc-/-Hepatocytes. Oncotarget. 2016 May 24;7(21):30379-95 (Impact Factor-6.38).

Bioinformatics, CBS

Prof. R.S. Rathore, Dean, SEBES

- K. I. Sathiyanarayanan, B. Umamahesh U. Sathiskumar P. M. Vivek, S. Dileep Kumar, S. Eswaramoorthy, P. G. Aravindan, R. S. Rathore and K. Sathiyanarayanan (2017) Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (Elsevier) 173, 572-577. An insight into the photophysical properties of amide hydrogen bonded N-(benzo[d]thiazol-2-yl) acetamide crystals.
- M. Girisha, B. K. Sagar, H. S. Yathirajan, R. S. Rathore and Christopher Glidewell. (2017). Acta Crystallographica Section C: Structural Chemistry (Wiley/IUCr) C73, 115-120. Three closely related 1-(naphthalen-2-

- yl)prop-2-en-1-ones: pseudosymmetry, disorder and supramoleular assembly mediated by C-H...pi and C-Br...pi interactions.
- V.G. Prasanth, R.S. Rathore, M. Pathak and K. Sathiyanarayanan (2017). Journal of Coordination Chemistry (Taylor & Francis) 70(6), 983-996. Fluorescent Aluminium Chelate Complexes as Modified Precursors for Nano-Structured Alumina.
- * B. K. Sagar, K. B. Harsha, H. S. Yathirajan, K. S. Rangappa, R. S. Rathore and Christopher Glidewell (2017). Acta Crystallographica Section C: Structural Chemistry (Wiley/IUCr)C73, 298-304. Three closely related 4,5,6,7-tetra-hydro-1H-pyrazolo-[4,3-c]pyridines: synthesis, molecular conformations and hydrogen bonding in zero, one and two dimensions.
- P. Angamba Meetei, R. S. Rathore, N. P. Prabhu and V. Vindal (2016). Journal of Molecular Modeling (Springer) 22:71, 1-14. Modeling of babesipain-1 and identification of natural and synthetic leads for bovine babesiosis drug development.
- V.G. Prasanth, R.S. Rathore, P. Madhvesh and K. I. Sathiyanarayanan (2016). Polyhedron (Elsevier) 107, 163-171. Hepta-coordinated heteroleptic derivatives of zirconium(IV): Synthesis, structural characterization and ring opening polymerization of ε-caprolactone.
- P. Angamba Meetei, R. S. Rathore, N. Prakash and V. Vindal (2016). SpringerPlus (Springer) 5(1): 965. In silico screening for identification of novel β-1,3-glucan synthase inhibitors using pharmacophore and 3D-QSAR methodologies.
- * B. Narayana, H.S. Yathirajan, R.S. Rathore and Christopher Glidewell (2016). Acta Crystallographica Section C: Structural Chemistry (Wiley/IUCr) 72(9), 664-669. Different molecular conformations co-exist in each of three 2-aryl-N-(1, 5-dimethyl -3-oxo-2-phenyl-2, 3-dihydro-1H-pyrazol-4-yl) acetamides: hydrogen bonding in zero, one and two dimensions.
- B. Narayana, H.S. Yathirajan, R. S. Rathore and Christopher Glidewell (2016). Acta Crystallographica



- Section E: Crystallographic Communications (Wiley/IUCr) E72 (9), 1270-1275. Crystal structures of two C, N-disubstituted acetamides: 2-(4-chlorophenyl)-N-(2-iodophenyl) acetamide and 2-(4-chlorophenyl)-N-(pyrazin-2-yl) acetamide.
- K.N. Subbulakshmi, B. Narayana, H.S. Yathirajan, Jerry P. Jasinski, R.S. Rathore and Christopher Glidewell (2016). Acta Crystallographica Section E: Crystallographic Communications (Wiley/IUCr)E72(8) 1099-1102. Crystal structure of 2-benzoylamino-N'-(4-hydroxyben zylidene)-3-(thiophen-2-yl) prop-2-enohydrazide.
- A.C. Tripathi, P.K. Sonar, R. S. Rathore and S.K. Saraf (2016). Open Pharmaceutical Sciences Journal (Bentham) 3(1), 164-181. Structural Insights into the Molecular Design of HER2 inhibitors.
- K. Kumar Reddy, R.R. Burri, P. Srujana, M. Sumakanth, R.S. Rathore, R. Reddy, P. Reddanna, and M. Rami Reddy (2017). Mini Review in Medicinal Chemistry (Bentham) In press. Performance evaluation of docking programs- Glide, GOLD, AutoDock & SurflexDock, using free energy perturbation reference data: A case study of fructose-1, 6-bisphosphatase-AMP analogs.

Dr. Asheesh Shanker, Associate Prof.

Sharma V, Munjal A, Shanker A (2016 IInd Edition) A Text Book of Bioinformatics. Rastogi Publications, Meerut, India, p. 350 (ISBN 978-93-5078-142-5).

Research Articles

- Srivastava D, Shanker A (2016) Identification of simple sequence repeats in chloroplast genomes of Magnoliids through bioinformatics approach. Interdisciplinary Sciences: Computational Life Sciences 8: 327-336.
- Shanker A (2016) Detection of simple sequence repeats in the chloroplast genome of Tetraphis pellucida Hedw. Plant Science Today 3: 207-210
- Shanker A (2016) Structural Analysis of Form I Ribulose-1, 5-Bisphosphate Carboxylase/Oxygenase BAOJ Bioinfo 1: 1.

Dr. Vijay Kumar Singh, Asst. Prof.

Vijay K. Singh co-authored an article entitled "Identification and characterization of miRNAs in response to Leishmania donovani infection: delineation of their roles in macrophage dysfunction". Published on 2nd March, 2017 in journal Frontiers Microbiology.(IF – 4.165)

Dr. Anil Kumar, Asst. Prof.

Singh D, Chetia H, Kabiraj D, Sharma S, Kumar A, Sharma P, Deka M, Bora U. A comprehensive view of the webresources related to sericulture. Database (Oxford). 2016 Jun 15;2016. pii: baw086. doi: 10.1093/database/ baw086.

Life Science, CBS

Dr. Gautam Kumar, Asst. Prof.

Book Chapter- Sahana Basu and Gautam Kumar (2017). Strategies to Retard Postharvest Pericarp Browning in Lychee Fruit. 265-279. Editors: Manoj Kumar Vivek Kumar, Ram Prasad Ajit Varma. Springer.

Research Articles

- S.K. Dwivedia, Sahana Basu, Santosh Kumar, Gautam Kumar, Ved Prakash, Sanjeev Kumar, J.S. Mishra, B.P. Bhatt, N. Malviya, G.P. Singh, A. Arora (2017) Heat stress induced impairment of starch mobilisation regulatespollen viability and grain yield in wheat: Study in Eastern Indo-Gangetic Plains. Field Crop Research. DOI: http://doi.org/10.1016/j.fcr.2017.03.006
- Kamlesh Kant Nutan, Gautam Kumar, Sneh Lata Singla-Pareek, Ashwani Pareek (2017) A Salt Overly Sensitive Pathway Member from Brassica juncea BjSOS3 Can Functionally Complement ΔAtsos3 in Arabidopsis. Current Genomics DOI: 10.2174/1389 202918666170228133621

Department of Computer Science

Mr. Nemi Chandra Rathore, Asst. Prof., Head (I/C)

- Priyanka Kumari, Nemi Chandra Rathore, Fake profile identification on Facebook Through Social Media App, International Conference on ICT for Sustainable Development, 2016, Panaji, Goa, during July 1-2, 2016.
- Nemi Chandra Rathore, Somanath

Tripathy, A Trust-based Collaborative Access Control Model with Policy Aggregation for Online Social Networks, Social Network Analysis and Mining, ISSN – 1869-5469. (E-SCI Journal)

Dr. Prabhat Ranjan, Asst. Prof.

- Prabhat Ranjan, Shikha Agarwal and R. Rajesh "FRBPSO: A Fuzzy Rule Based Binary PSO for dimensionality Reduction", Proceedings of the National Academy of Sciences, India Section A: Physical Sciences, Springer Journal, ISSN: 2250-1762 (online), ISSN: 0369-8203 (print), DOI: 10.1007/s40010-017-0347-8, March 2017.
- * Prabhat Ranjan and Sushant Kumar "A Comprehensive Analysis for Software Fault Detection and Prediction using Computational Intelligence Techniques", International Journal of Computational Intelligence Research, ISSN: 0973-1873, Volume 13, Number 1 (2017), pp. 65-78, March 2017.
- ❖ Prabhat Ranjan, Shikha Agarwal and R. Rajesh "Dimensionality Reduction Methods Classical and Recent Trends: A Survey" International Journal of Control Theory and Applications, ISSN: 0974-5572 9(10), pp. 4801-4808, September 2016.
- Prabhat Ranjan, Dhananjay Kumar and P. Parth Sarthi, "Rainfall-Runoff Modeling using Computational Intelligence Techniques", IEEE Proceedings of International Conference on Advances in Computing, Communications and Informatics (ICACCI), Jaipur, India, ISBN 978-1-5090-2029-4, September 21-24, 2016.
- Prabhat Ranjan, Gautam Kumar, P. Parth Sarthi, and Sushant Kumar "Satellite Image Clustering and Optimization using K-means and PSO", IEEE International Conference on Power Electronics. Intelligent Control and Energy Systems (ICPEICES-2016), ISBN 978-1-4673-8587-9, July 4-6, 2016.
- Prabhat Ranjan and Abdullah Imran "Improved Apriori Algorithm Using



Power Set on Hadoop", Springer Proceedings of International Conference on Computational Intelligence and informatics (ICCII-2016), JNTU Hyderabad, ISBN 978-981-10-2471-9, May 28-30, 2016.

- Prabhat Ranjan and Ashish Ranjan. "Two-phase Entropy based approach to Big Data Anonymization", IEEE Proceedings of International Conference on Computing, Communication and Automation (ICCCA2016), Greater Noida, India, ISBN 978-1-5090-1666-2, April 29-30, 2016.
- ❖ Prabhat Ranjan, Gautam Kumar, P. Parth Sarthi, and R. Rajesh. "Performance of k-means based Satellite Image Clustering in RGB and HSV Color Space", IEEE Proceedings of International Conference on Recent Trends in Information Technology (ICRTIT 2016), Chennai, India, ISBN 978-1-4673-9802-2, April 8-9, 2016.

Mrs. Smita Roy, Asst. Prof.

- Smita Roy, Samrat Mondal, Asif Ekbal, Maunendra Sankar Desarkar. "CRDT: Correlation Ratio Based Decision Tree Model for Healthcare Data Mining". IEEE 16th International Conference on Bio-Informatics and Bio-Engineering (IEEE BIBE 2016), Taichung, Taiwan, pp. 36-43, Oct-Nov 2016, ISBN: 978-1-5090-3834-3.
- Gautam Kumar and Smita Roy, "Development of hybrid boosting technique for bankruptcy prediction" presented in IEEE 15th International Conference on Information Technology, Proceedings to be published by IEEE-CS Conference Publishing Services (CPS) and will be sent to IEEE Xplore and DBLP for indexing, Bhubaneshwar, Dec 22-24, 2016.

Department of Statistics

Prof, Arun Kumar Sinha, Dean (I/C), SMSC

Book- 'Recent Advances in Mathematics, Statistics and Computer Science' edited along with R. Rajesh, Prabhat Ranjan and Rajesh P. Singh and published by World Scientific Publishing Co. Pte. Ltd., Singapore.

Research Papers

- Published in "Recent Advances in Mathematics, Statistics and Computer Sciences" (Edited by Sinha, Rajesh, Ranjan and Singh), World Scientific Publishing Co. Pte. Ltd., on following topics;
- 'On statistical quality control techniques based on ranked set sampling' (with Md. Sarwar Alam and Rahbar Ali)
- 'Poverty analysis using scan statistics methods' (with Mukesh Kumar)
- 'Spatial analysis of AFP surveillance strategy for polio eradication in India' (with Pankaj Srivastava)
- 'On estimating the urban population using minimum information' (with Vijay Kumar and Ravi B P Verma)
- 'Comparison of the performance of ranked set sampling with the linear regression estimation' (with Rahbar Ali)

Dr. Richa Vatsa, Asst. Prof.

'Concepts, Controversies and Correctness of P-values' (with Arun Kumar Sinha) Journal of Patna Science College (JPSC, ISSN 2347-9604),4, 121-126 (2016).

Department of Mathematics

Dr. Shubh Narayan Singh, Asst. Prof.

Shubh N. Singh and Kanduru V. Krishna. The Holonomy Decomposition of some Circular Semi-Flower Automata, Acta Cybernetica, 22(4), 791--805, 2016.

Centre for Development Studies

Dr. Anju Helen Bara, Asst. Prof.

Bank Chapter- 'Decolonizing Tribals' in the book 'Tribals and Anthropology in India', editor Prof. M. C. Behera, Manohar Press, New Delhi (forthcoming).

Centre for Economic Studies & Policies

Mr. Atish Kumar Dash, Asst. Prof.

Joe, William, Atish Kumar Dash and Pradeep Agarwal (2016). Demographic Transition, Savings and Economic Growth in China and India: A Note. In CR K Nair and KS James (Eds.), Maternal and Child Health Care in India (pp. 3-17). Ministry of Health and Family Welfare, Govt. of India.

Dr. Rikil Chyrmang, Asst. Prof.

- * Rikil Chyrmang (2016), Labour Migration in the North East, in Deepak K. Mishra (Ed.), Internal Migration in Contemporary India (Chapter 5), pp. 96-153, Sage publications, New Delhi, ISBN No: 9789351508588. (with S. Irudaya Rajan).
- * Rikil Chyrmang (2016), Internal Migration in India: Dealing with the Political and Administrative Organisation, in F. Padovani and Michael M. Cernea (Ed.), Development Induced Displacement in India and China: A comparative Look at Burdens of Growth(Part II-Chapter 4), pp.65-88, Lexington Books, New York, ISBN No:978-1-4985-2903-7. (with S. Irudaya Rajan & Vijay Korra).
- Rikil Chyrmang (2017), Politics of conflict and migration, in S. Irudaya Rajan (Ed.), India Migrations Reader, (Chapter 8), pp.141-147, Routledge, New York, ISBN No: 978-1-138-21962-5. (with S. Irudaya Rajan and Vijay Korra).
- Rikil Chyrmang (2017), Cross-border migration and conflicts in Assam, in S. Irudaya Rajan (Ed.), India Migration Report 2016: Gulf Migration (Chapter 18), pp.262-280, Routledge, New York, ISBN No: 978-1-138-28280-3.
- Rikil Chyrmang (2016), The Dorbar System in the Jaintia Tribal Community, Heritage Explorer, Vol.15 No.8, pp.106-110, RNI.Rgd.No. ASSENG/2002/6981.

Dr. Sanjay Kumar, Asst. Prof.

- Sanjay Kumar (2016), 'Total Factor Productivity and its Components in Wheat and Rice Crop: A Study of Selected Indian State' Published in The Indian Economic Journal, special issue, December 2016 (with Sanjeev Kumar). ISSN-0019-4662.
- Sanjay Kumar (2016), Education and Poverty in Bihar Published in Bihar Economic Journal. Vol.-5, No.-2, Nov. 2016, ISSN-2230-8970

School of Education

Dr. Mitanjali Sahoo, Asst, Prof.

Sahoo, M. Perception of Secondary School Teachers for Generating Learning Friendly Classroom Environment. Himalayan Journal of Social Sciences, Vol.6, Issue No.2, October, 2016, P.31-41, ISSN No. 2231-6639.



School of Law & Governance

Dr. Digvijay Singh, Asst. Prof.

- Book chapter titled "Corporate Social Responsibility vis-à-vis Indian Law and Practice: An Analysis" published in Pradip Kr. Das (ed.), Companies Act, 2013: Beginning of a New Era (Kolkata: Manav Prakashan, 1st Edition, 2016)
- Paper titled "Current Trends toward Intellectual Property Protection for Farmers in India: An Analysis" published in Dehradun Law Review, Uttaranchal University, Issue 8 Volume 1, November, 2016

Dr. Pradip Kumar Das, Asst. Prof.

- Published Book chapter Teaching and Learning the law through case study method of law teaching: A Critical Analysis; in the Book "Legal Education in India: New Horizons", ISBN-978-93-80332-85-7, First Edition 2016; Publisher: Manav Prakashan, Kolkata, Page-61-69.
- Published Book chapter Agency Issues in Corporate Governance: A Discourse from Legal Perspective in the book "Companies Act 2013: Beginning of a new era" ISBN: 978-93-80332-95-6, First Edition 2016; Publisher: Manav Prakashan, Kolkata, Page No.: 238-248.s
- Acid Test of the acid attack victims: A discourse from legal perspective in India; published in "National Journal of Comparative Law" a Peer Reviewed Referred National Journal, in Volume 3, Issue I, July, 2016, Page number- 85 to 105, ISSN -2393-9338.
- Publication of one Edited Book -"Companies Act 2013: Beginning of a new era", ISBN: 978-93-80332-95-6, First Edition 2016; Publisher: Manav Prakashan. Kolkata.

Centre for Mass Communication & Media Dr. Atish Prashar, Associate Prof., Head, CMS

Paper presented at UGC Sponsored National Seminar on Skill Development and Youth: Prospects and challenges in North East India, at Assam Central University, Silchar, title of the paper "Integration of skill with Higher Education is need of the Hour" Dated: 10th February, 2017 (accepted for Publication).

Centre for Psychological Science Prof. Tej Bahadur Singh, Head (I/C), CPS

- ❖ Dey B., **Singh T.B.** & Chauhan A. (2016): A comparison of coping resources, personality styles, thought and affective patterns among patients with Bipolar Affective Disorder and Schizophrenia. Indian Journal of Psychological Science.7.1.13-26.
- Pathak A., Singh T.B. & Chauhan A. (2016): A study of burden and quality of life in care givers of persons with severe mental illness. Indian Journal of Psychological Science, 6,2, 128-143.

Dr. Narsingh Kumar, Asst. Prof.

Raman, R. & Kumar, N. (2017). Social and Emotional adjustment of Third gender (Kinnars): A Qualitative study. International Research Journal of Human Resources & Social Sciences, 4 (1), 172-182

Dr. Manglesh Kr. Mangalam, Asst. Prof.

- Rani, A. & Manglam, M. K. (2016). Depression, Anxiety, Stress and Suicidal Ideas in Adolescent Victims of Human Trafficking and Sexual Abuse in a Sheltered Home at Ranchi, India. Indian Journal of Health and Wellbeing, 7, 687-690. ISSN NO-2229-5356.
- Shukla, J., & Manglam, M. K. (2016). Temperament and Character of Delinquents in a Correction Home at Patna, India. Indian Journal of Psychological Science, 2, 105-111. ISSN NO-09769218.

Centre for Sociological Studies

Dr. Jitendra Ram, Asst. Prof.

- Published a Research Article entitled "Understanding Caste Hierarchy and Dalits in Bihar", Indian Journal of Dalits and Tribal Studies, Vol.4 Issue1 January-June, 2016 Varanasi, ISSN2348-1757.
- Published a Research Article entitled "Discrimination and Social Exclusion among Dalits" Social Action, October-December, Vol. 66 No.4.2016, New Delhi, ISSN0037-7627.

Dr. Ambrish Gautam, Asst. Prof.

* A manuscript on the topic

- "Chotanagpur Plateau of Jharkhand: Naming and Re-naming", has been accepted for publication from Global Journal of Archaeology & Anthropology, under manuscript no. GJAA-RA-17-553.
- A manuscript on the topic "Chhotanagpur- an Untold History: a Socio-Historical Analysis". Is under review, Submitted to Journal of Anthropology, Henderson NV 89074-7722, USA on 15th Nov. 2016.
- A book on the topic "Society and Law in Contemporary India: Retrospect and Prospect" is under publication from Commonwealth Publication, New Delhi.

Dr. Pranav Kumar, Asst. Prof.

Published a chapter entitled Sino-India Bustle for Securing Hydrocarbons in Africa: Zero-sum or Win-Win in a book entitled Modi's Foreign Policy: Challenges & Opportunities 83 (978-81-8274-873-6).

Centre for Foreign Languages (English) Prof. Prabhat Kumar Singh, Dean (I/C), SLL

- "The Poetry of Unageing Intellect", Revisiting W. B. Yeats' World and Art, (Ed.) B. K. Das, pp 56-65, New Delhi: Atlantic, 2016
- ❖ "Across the Shadows and the Self: Amrita Pritam's Autobiography, The Revenue Stamp", The Quest (A Peer-Reviewed Literary Journal), Vol. 30, No. 2, pp. 46-54, Ranchi, December 2016.
- "Form as Embodiment of Experience: The Structure of Lawrence's Sons and Lovers", The Critical Endeavour, Vol 23, pp. 144-152, Cuttack, January 2017.
- "Professor Bijay Kumar Das, My Friend", Bio Critique of Bijay Kumar Das, (ed.) A. K. Mohanty, pp. 91-94, Cuttack, April 2017.

Dr. Suresh Kurapati, Asst. Prof.

 Attitudes towards testing speaking skills: A case for consideration.
 International journal of English language, literature and translation



studies Vol3, Issue2 ISSN 23499451. 694-700.

Tackling communication apprehension through drama techniques. Research Journal of English language and literature, Vol 4, issue 2 (ISSN 23213108) 904-907

Dr. Saroj Kumar, Asst. Prof.

Published a paper titled "Learning Outcomes of Time and Tense in TESL Classroom at Primary Level in Hindi Speaking Region" in Gami, Upendra. (ed.) Literaria Linguistica (Vol. 2), ISSN No. 24545228

भारतीय भाषा केन्द्र (हिन्दी)

डॉ. रविन्द्र कुमार पाठक, विभागाध्यक्ष

- 'सार्वभौमिक व्याकरण की अवधारणा', 'गवेषणा', ISSN - 0435-1460, केन्द्रीय हिन्दी संस्थान, आगरा, जुलाई-सितम्बर, 2016, पृष्ठ-संख्या 74-84
- 'कामताप्रसाद गुरू का व्युत्पति-विचार :सामर्थ्य और सीमा', 'मध्य भारती', ISSN - 0974-0066, डॉ. हरीसिंह गौर विश्वविद्यालय, सागर, जुलाई-दिसम्बर, 2016 (अंक 71), पृष्ठ-संख्या 91-105
- 'सूक्ति-संसार में स्त्री', 'चेताशी' (त्रैमासिक),
 (त्रैमासिक / सम्पादक इन्दु भारती), पटना-1,
 अक्टूबर-दिसम्बर, 2016 पृष्ठ 78-79
- 'स्त्री को लदा गर्भ बनाने पर तुले समाज-संस्कृति के ठेकेदार', प्रतिलिपि डॉट कॉम' (ऑनलाइन पत्रिका) [http://hindi. pratilipi.com/ravidrkumar-pathak] पर प्रकाशन (दि. 4-10-16)
- 'भाषा में पुरुष -सत्ता का वर्चस्व', 'जनसत्ता' (दैनिक), 'रविवारी' अंक, दिल्ली, 2 अक्टूबर, 2016, पृष्ठ - 3
- 'उपेक्षा-स्त्री झाँकती में कहावतों', 'जनसत्ता' (दैनिक), 'रविवारी', अंक, दिल्ली, 11 दिसम्बर, 2016, पृष्ठ - 3
- 'महिला और नारी, स्त्री', 'जनसत्ता' (दैनिक),
 'रविवारी', अंक, दिल्ली, 5 फरवरी, 2017, पृष्ठ- 3

Department of Chemistry

Dr. Girish Chandra, Asst. Prof.

"Stereo- and Regio-selective Synthesis of 3'-C-Substituted-(N)methanocarbaadenosines as Potential Anticancer Agents" Siddhi D. Naik, **Girish Chandra**, Pramod K. Sahu, Hong-Rae Kim, Shuhao Qu, Jiseong Yoon and Lak Shin Jeong, Org. Chem. Front., 2016, 3, 1472-1480 . Impact Factor: 4.693

Conferences, Talks, Orientation, etc.

Biotechnology, CBS

Dr. Rizwanul Haque, Head, CBS

- Delivered a lecture on 'Application of Stem Cell Technology' at Patna Women's College, Patna University to commemorate National Science Day on 23rd February, 2017. Topic: Stem Cells & Disease Management.
- Participated in a Panel Discussion on 'Environment &Health, National Symposium-2017' organized at MCS & RC Patna in collaboration with UNICEF, India on 16th January, 2017. Theme: 'Environmental Degradation and its impact on Children and Women Health'.
- Delivered a lecture and given handson-training on Immunology at Training cum Workshop on 'Basic Tools and Techniques in Biotechnology' (TWBTTB-2016) organised during November 24-30, 2016 at CUSB.
- Attended training programme on 'Research Methodology' in the Regional Research Institute of Unani Medicine, Patna, CCRUM, Ministry of AYUSH, Govt. of India on 4th June, 2016. Topic: Principles of Research Ethics.

Dr. Rakesh Kumar, Associate Prof.

Given a talk on 'Biopolymer From Renewable Resources' in the 1st Refresher course entitled 'Recent trends in Basic Sciences' on 7th March 2017, Dept. of Chemistry, Patna University.

Dr. Nitish Kumar, Assistant Prof.

- Attended Refresher course at Human Resources Development Centre, Saurashtra University, Rajkot from 19th December, 2016 to 8th January, 2017.
- Attended one-day symposium on 'International Diaspora Literature' at Human Resources Development

Centre, Saurashtra University, Rajkot on 30th December, 2016.

Dr. Krishna Prakash, Asst. Prof.

Attended and successfully completed 21-day refresher course training at UGC-Human Resource Development Center organized by Dept. of Chemistry, Patna University, Patna during March 03 – 23, 2017.

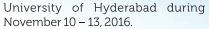
Dr. Jawaid Ahsan, Asst. Prof.

- Participated in the 1st Refresher Course on Basic Sciences (IDC) organized by UGC-Human Resource Development Centre, Patna University, Patna during March 03-23, 2017.
- Delivered an invited talk on the topic 'Sense or Non-sense? Decision making in Drosophila melanogaster' in the 2nd National Seminar on 'Current Trends in Life Science', organized by Life Science Programme of CUSB during February 20-21, 2017.
- Participated in the 'First Collaborations in Indian Chemical Ecology', organized by National Centre for Biological Sciences, Bangalore during September 10-13, 2016.
- Invited to deliver a lecture on 'Clinical Research Methodology', by Regional Research Institute of Unani Medicine, CCRUM, New Delhi, Ministry of "AYUSH" in Patna on June 8, 2016.

Dr. Lokendra Kr. Sharma, Asst. Prof.

- Given an oral presentation on the topic 'Mitochondria: Not a bystander but a key player in tumorigenesis' in the International Conference on 'Updates in Cancer Prevention and Research' (ICUCPR-2017) organised at BBA Central University, Lucknow during February 14 – 16, 2017.
- ❖ Given an oral presentation on the topic 'Mitochondrial Alterations and Cancer Cell Metabolism' in the 7th International Conference on 'Stem Cells and Cancer (ICSCC-2016): Proliferation, Differentiation & Apoptosis' in Goa during October 21 23, 2016.
- Given an oral presentation on 'Extra Mural Research Grant' at 4th PAC meeting on Biochemistry, Biophysics and Molecular Biology & Microbiology at School of Life Sciences,





- Given an oral presentation in the Group Monitoring Workshop (GMW) organised at CSIR-Indian Institute of Chemical Biology, Kolkata during September 23 – 24, 2016.
- Attended the 73rd UGC-Orientation Programme organized by UGC-HRD at Academic Staff College, Patna University for 28 days during 20th April to 17th May, 2016.

Bioinformatics, CBS

Dr. Ajay Kr. Singh, Associate Prof.

- ❖ Invited as speaker and co-chaired the session in the national conference on 'Development and advancement in conservation, propagation and sustainable utilization of medicinal plants (DSUMP 2017)' on the topic 'Bioinformatics Resources for Medicinal Plants in Biological Research' held at Gautam Buddha University, Greater Noida during January 20 - 21, 2017.
- Participated as the panelist in 6th International conference on 'Human Value in Higher Education' at IIT, Kanpur during February 10 - 12, 2017.

Dr. Krishna Kumar Ojha, Asst. Prof.

Attended 21-days special winter school on Science and Society organized by the UGC-Human Resource Development Centre, Mizoram University during November 22 - December 12, 2016.

Dr. Vijay Kr. Singh, Asst. Prof.

- Given on oral presentation entitled 'Gene correlation to gene set internal coherence: A class discovery method applied to gene expression data at the International Conference on 'Interdisciplinary Mathematics, Statistics and Computational techniques' in Jaipur during December 22 - 24, 2016.
- Given an oral presentation entitled 'Identification of hidden pattern in gene expression data given gene set a priori: An application to diabetes GEPs' at VIII International Symposium on Statistics and Optimization (ISSAC-2016) in Aligarh during December 17 - 19, 2016.
- Successfully completed refresher course: 216 ICT (ID) of UGC-HRDC

Saurashtra University, Rajkot, Gujarat from 27th February to 19th March, 2017.

Dr. Anil Kumar, Asst. Prof.

Successfully completed UGC-Sponsored Special Summer School -2016 organized by UGC-HRDC, Ranchi University, Ranchi during June 6 - 30, 2016.

Life Science, CBS

Dr. Gautam Kumar, Asst. Prof.

Poster presentation Gautam Kumar, Sahana Basu, Soumyajyoti Ghoshal (2017) on 'Physiological and molecular responses of contrasting rice genotypes under drought stress' at International Conference on Functional Plant Biology' (ICFPB) held at Assam University, Silchar on 23rd January, 2017.

Department of Computer Science

Dr. Prabhat Ranjan, Asst. Prof.

Attended refresher course on 'Blending ICT in Teaching Learning Process' at UGC HRDC, Saurashtra University, Rajkot, Gujarat during 27th February to 19th March, 2017.

Department of Statistics

Prof. Arun Kumar Sinha, Dean (I/C), SMSC

- Delivered a series of invited lectures on Statistical Methods at Bihar Institute of Public Administration and Rural Development (BIPARD), Govt. of Bihar in Patna, May 2016.
- Delivered invited lectures on 'Organizing and Visualizing Data' at the national workshop on 'Learning Statistical Techniques with SPSS' held at Statistics Dept., Patna University during November 19 – 21, 2016.
- Presented a joint paper entitled 'On the Detection of the Hotspots of the Occurrences of Some Communicable Diseases' with Dr. Mukesh Kumar, co-author at the India International Science Festival 2016 held at CSIR-National Physical Laboratory, New Delhi during December 07-11, 2016.
- Presented a joint paper entitled 'Governance Challenges in Kala-Azar Eradication Strategy in India' with Dr. Pankaj Srivastava, co-author at the

- India International Science Festival 2016.
- Presented a joint paper entitled 'Estimating Agricultural Yields More Accurately when Grown Underground' with Dr. Vijay Kumar, (coauthor) at the India International Science Festival 2016.
- Delivered a talk on 'Role of Media in Building a Strong Cashless Economy' (prepared with Dr. Richa Vatsa and Dr. Mukesh Kumar) at the national seminar on 'Media as Medium Towards Cashless Economy' held at CUSB during March 03-04, 2017.
- ❖ Delivered an invited talk on Statistical Computing at the Refresher Course on Recent Trends in Basic Sciences organized by the UGC-Human Resource Development Centre, Dept. of Chemistry, Patna University on 07th March, 2017.

Dr. Richa Vatsa, Asst. Prof.

- Delivered an invited lecture on LaTeX programming at the national workshop on 'Learning statistical Techniques with SPSS' organised by Dept. of Statistics, Patna University during November 19 22, 2016.
- Delivered invited lectures on 'Basic Statistics', 'Measures of Central Tendency' at Bihar Institute of Public Administration and Rural Development (BIPARD), Govt. of Bihar on 13th, 24th and 31st May 2016.

Dr. Mukesh Kumar, Asst. Prof.

- Participated in 'Management Development Programme on Multivariate Data Analysis', organized by Vinod Gupta School of Management, IIT, Kharagpur during June 01-06, 2016.
- Poster presentation entitled 'Detection of the Hot-Spots of the Occurrences of Some Communicable Diseases (Abstract ID: SWAS_63' at India International Science Festival (IISF)- Young Scientists Conclave (YSC), National Physical Laboratory, New Delhi during December 8-11, 2016.



Department of Mathematics

Dr. Shubh Narayan Singh, Asst. Prof.

Presented a paper entitled "Towards Holonomy Decomposition of Circular Semi-Flower Automata" in the National Conference organized by the Dept. of Mathematics, Institute of Science, BHU, Varanasi during February 17-18, 2017.

Centre for Development Studies

Dr. Anju Helen Bara, Asst. Prof.

- Delivered invited lecture on the topic 'Challenges of Teaching and Doing Development Studies in India' at the Colloquium on 'Doing Development Studies in India' at Ambedkar University, Delhi during January 18 – 19, 2017.
- Presented paper entitled 'A critical inquiry of the rule of PESA in Jharkhand', in the national seminar on 'Governance, Resources and Livelihoods of Adivasis in India: Implementation of PESA and FRA', held at NIRD, Hyderabad, during November 18 - 19, 2016.
- Paper accepted entitled 'Lighting the villages with solar lamps: An alternative source of development and energy resource in India, in the International conference on Energy Transitions in Asia- Towards a research and policy Agenda held during September 22-23, 2016 at the Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences, Nanjing, China.
- Presented a paper entitled, 'Imagining the State through everyday practices of rule and control' at the ICARUS, 5th Global Conference held at Indian School of Business, Hyderabad during June 30 -July 2, 2016.
- Presented paper entitled, 'Recycling Waste: A Cultural Dimension of Waste Management in India' at the Waste in Asia Conference held at Leiden University, Netherlands during June 9 - 11, 2016.

Centre for Economic Studies & Policies Mr. Atish Kumar Dash. Asst. Prof.

Delivered two lectures as a resource Person in the national workshop on 'Learning Statistical Techniques with SPSS' organised by the Dept. of Statistics, Patna University during November 19-22, 2016.

Dr. Rikil Chyrmang, Asst. Prof.

- Delivered a talk as a resource person on 'Migration issues in the North East India' at the Centre for Economic & Social Studies, Hyderabad, 2016.
- Presented a paper titled, 'Educational Development of the Schedule Tribe Community and Policy issues in the North-East India' in the national seminar on 'Livelihood Challenges of Scheduled Castes and Scheduled Tribes in India: Emerging Issues' held at Institute of Development Studies, Jaipur, Rajasthan, March 28-29, 2017

Dr. Sanjay Kumar, Asst. Prof.

- Presented a paper entitled 'Total Factor Productivity and its Components in Wheat and Rice Crop: A Study of Selected Indian State' in the 99th Annual Conference of the Indian Economic Association at Sri Venkateswara University, Tirupati, A.P., December 27 29, 2016.
- Presented a paper entitled 'Education and Poverty in Bihar' in the Annual Conference of Economic Association of Bihar, held at T.P.S. College, Patna during November 22 - 23, 2016.

School of Education

Dr. Mitanjali Sahoo, Asst. Prof.

- Presented a paper entitled 'Pedagogical Approaches in Elearning' in a national seminar-cumworkshop on 'Education in Digital Era- Concerns and Challenges', organised by the School of Education, CUSB during March 24 - 25, 2017.
- Presented a paper entitled 'Implementation of Right to Education Act in India- Issues and Challenges' in a national seminar on 'Right to Education and Its Implementation- Issues and Challenges' organised by the Dept. of Education, Ravenshaw University, Cuttack, Odisha, on 31st March, 2017.

Dr. Rinki, Asst. Prof.

- ❖ Presented a paper entitled 'Perspective of Co-Existence and Schooling: An Analysis' in the national seminar on 'Understanding Indian Democracy and the Idea of Co-Existence' organised by the Centre for Political Studies, CUSB during March 18-19, 2017.
- Presented a paper entitled 'Adverse Influence of Cartoons on Children' in the national seminar-cum-workshop on 'Education in Digital Era: Concerns & Challenges' organised by the School of Education, CUSB during March 24-25, 2017.

School of Law & Governance

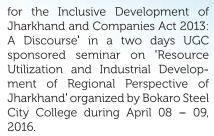
Dr. Digvijay Singh, Asst. Prof.

- Participated in a refresher course for Law Teachers on Developmental Perspectives of IP Law (Patent Law and Development) organised by Inter University Centre for Intellectual Property Rights Studies, MHRD Chair on IPR, CUSAT, Kochi during June 17 -24, 2016.
- ❖ Participated in an orientation course on Youth Parliament organised by Ministry of Parliamentary Affairs, Govt. of India at Puducherry during January 12 - 13, 2017.
- Presented a paper entitled 'Implications of Recent Amendments to Child Labour Act: An Analysis' in a national seminar on 'Rights of Child: Issues and Challenges' organised by Faculty of Law, BHU, Varanasi on 13th September, 2016.
- Presented a paper entitled 'Instrumentality of ADR Mechanisms in Settlement of Family Disputes in India' in a national seminar on 'Family Law: Contemporary Issues and Challenges' organized by Faculty of Law, BHU, Varanasi during February 25 - 26, 2017.
- Presented a paper titled 'Role of NOTA in Strengthening Indian Democracy: An Analysis' in a national seminar on 'Understanding Indian Democracy and The Idea of Co-Existence' organized by the Centre for Political Studies, CUSB during March 18 -19, 2017.

Dr. Pradip Kumar Das, Asst. Prof.

Presented a paper on the topic 'Corporate Social Responsibility (CSR)





- Presented a paper entitled 'Freedom of Expression in the Internet Age: A Review' in two-days conference on 'Freedom of Speech and Expression' organized by Lloyd Law College, Greater Noida on November 5-6, 2016.
- Successfully completed UGC sponsored 07 days Short-Term Course/Workshop on 'National Foundation for Communal Harmony' at UGC Human Resource Development Centre, University of Burdwan (W.B.) during June 23 29, 2016.

Centre for Mass Communication & Media Dr. Atish Prashar, Associate Prof., Head, CMS

- Delivered a talk on 'Opportunities and Challenges in Media for beginners' at Mass Comm. Dept., Patna College, Patna University on 19th December, 2016.
- Chaired a technical session in a UGC Sponsored national seminar on 'Skill Development and Youth: Prospects and challenges in North East India' at Assam Central University, Silchar, the title of the session was 'Media and Entertainment Industry Prospects and Challenges' on 10th February, 2017.

Dr. Kinshuk Pathak, Asst. Prof.

- Participated in 5th special summer school at Human Resource Development Centre, University of Allahabad during June 18 - 28,2016.
- Participated in fifth East-West- Centre International Media Conference "South Asia looking east" organized at India Habitat Centre, New Delhi during September 8 -11, 2016.
- Delivered a talk as a Key-note speaker on 'Great Communicator Buddha and his messages' in an International Conference titled 'Pali and Buddhism' organized by Maha Bodhi Society of India at Sarnath, Varanasi during November 11 – 13, 2016.

Centre for Psychological Science Prof. Tej Bahadur Singh, Head (I/C), CPS

Participated as an invited speaker in CME on 'Living with mental illness' organized to celebrate Foundation day of Central Institute of Psychiatry and presented a paper entitled: 'Burden and burnout in mental health

- 'Burden and burnout in mental health professionals: Psychosocial viewpoint' at CIP Ranchi on 17th May 2016
- Participated as an invited resource person to chair a symposium on 'E-Cigarettes Use: Is it an Acceptable Alternative?' In World Congress of Social Psychiatry - 2016 organized by World Association of Social Psychiatry at New Delhi during September 30 to October 4, 2016.
- Attended the international conference on 'Cognitive Behavioural Interventions: India –2017' as chief guest & delivered inaugural speech on 'Cultural Responsive Cognitive Behaviour Therapy: Prospects & Challenges' organised during March 6 8, 2017.

Dr. Narsingh Kumar, Asst. Prof.

- Presented a paper entitled 'Cognitive Approach towards organizational adaptability' in a national seminar organized by the Centre for Psychological Sciences, CUSB during March 24-26, 2017.
- Presented a paper entitled 'Towards Cashless Economy: Behavioral Perspective on Challenges & Opportunity' in a national seminar organized by the Centre for Mass Communication & Media, CUSB during March 03-04, 2017.
- Completed and awarded "A" Grade in 4-week orientation programme (OP-123) held at UGC- Human Resource Development Centre. Himachal Pradesh University, Shimla during July 04 – 30, 2016.

Dr. Manglesh Kr. Mangalam, Asst. Prof.

Presented a paper entitled 'Temperament and Character of Delinquent in a Correction Home at Patna, India' in national association of Psychological Science, Govt. P.G. College, Punjab University,

- Chandigarh during September 28 30, 2016.
- Presented a paper entitled 'Temperament and Character of Female Delinquents in a Correction Home at Patna, at Patna Women's College, during October 26 – 28, 2016.
- Presented a paper entitled 'Depression, Anxiety and Stress of Delinquents at Patna, India' at IAAP, University of Rajasthan, Jaipur during February 23 – 25, 2017.
- Presented a paper entitled 'Learning and memory function of alcohol dependent patient' at Dept. of Psychology, Kolkata University during March 3-4, 2017.
- Presented a paper entitled "Personality Profile & Mental Health of Delinquents" in a national seminar organized by the Centre for Psychological Sciences, CUSB during March 24-26, 2017.

Centre for Sociological Studies Dr. Anil Kr. Singh Jha, Associate Prof.

- Delivered an invited lecture on 'Role of Mithila Painting in Economic Development of Women' in an international seminar on 'Gender Equality and Women's Empowerment: Dimensions, Directions and Challenges', and also chaired a technical session organised by the Dept of Sociology, JNV University, Jodhpur during November 25-26, 2016.
- Presented a paper entitled 'Gender Inequality in Bihar: Challenges of Change' in national conference on 'Sociology of Development', organised by the Dept. of Sociology, LNM University, Darbhanga during May 5-6, 2016.
- Presented a paper entitled 'Ambedkar's Vision on Women's Rights' in national seminar on 'Ambedkar's Ideas on India's Political Economy' organised by the Centre for Political Studies, CUSB on 13th April, 2016.



Dr. Jitendra Ram, Asst. Prof.

Completed UGC-HRDC Orientation Programme organised by the University of Burdwan, West Bengal during July 1 – 28, 2016.

Dr. Ambrish Gautam, Asst. Prof.

- Presented a research paper entitled 'Ambedkar and Marxism' in a national seminar on 'Ambedkar's Ideas on India's Political Economy' organised by the Centre for Political Studies, CUSB on 13th April, 2016.
- Presented a research paper entitled 'Social Implications of Uniform Civil Code in India' in a national workshop on the topic "Imperatives of Uniform Civil Code" organised by the Centre for Political Studies, CUSB during March 30 – 31, 2017

Dr. Pranav Kumar, Asst. Prof.

Presented a paper entitled 'Modi's Foreign Policy Imperatives In Securing Hydrocarbons In Africa' in a national Seminar on 'Changing Dynamics of India's Foreign Policy under Modi's Regime' organized by the Dept. of Political Science, Shaheed Bhagat Singh College, University of Delhi during October 24 – 25, 2016.

Centre for Foreign Languages (CFL)- English Prof. Prabhat Kumar Singh, Dean (I/C), SLL

Chaired a plenary session in a national seminar on 'Shakespearean Selves: Reconfiguring Textual and Visual Shakespeare' organized by The Researchers' Association of Orissa, Cuttack, and delivered a talk on the topic 'King Lear and the Wilderness: An Ecocritical Approach' during June 11-12, 2016

Dr. Suresh Kurapati, Asst. Prof.

- Attended a UGC sponsored fourweek Orientation Course at Human Resource Development Centre (HRDC), University of Hyderabad during August 11 – September 7, 2016.
- Delivered a talk on 'Strengthening Emotional Intelligence through Multiple Intelligences' for a refresher course on Soft Skills for Assistant

- Professors at HRDC-ASC, University of Hyderabad on 24th June, 2016.
- Presented a research paper on the topic 'Enhancing the quality of English language education through sound teacher-training curriculum at B.Ed' in an ICSSR sponsored two-day national seminar on 'Quality Education through two-year New B.Ed. Curriculum' at Adikavi Nannaya University, Rajahmundry, June 28 29, 2016.
- Presented a research paper on 'The loss of culture and identity in Untouchable spring and Karukku in a two-day national seminar on 'Contemporary South Asian Literature in English' at CUSB during March 20 – 21, 2017.

Dr. Saroj Kumar, Asst. Prof.

- Presented a paper entitled 'A Critical Analysis of the Select Advertisements with Reference to Beauty Stereotyping' at the First International Literary Conference on 'The Cultures of New India', Dept. of Humanities & Social Sciences, Shri Ramswaroop Memorial University, Lucknow during February 17 - 18, 2017.
- Presented a paper entitled 'Clash of Culture and Science in Mahesh Dattani's Play, Tara' at the national seminar on 'Contemporary South Asian Literature in English', organized by the CFL (English), CUSB during March 20 – 21, 2017.

Dr. Arpana Jha, Asst. Prof.

- Presented a paper entitled 'Dreams, Aspirations and Confusions Galore: Representation of Youth in Indian Hindi Cinema' at the First International Literary Conference on 'The Cultures of New India', Dept. of Humanities & Social Sciences, Shri Ramswaroop Memorial University, Lucknow during February 17 - 18, 2017.
- Presented a paper entitled 'Mohsin Hamid's The Reluctant Fundamentalist: A Linguistic Study' at the national seminar on 'Contemporary South Asian Literature in English' organized by the CFL (English), CUSB during March 20 -21, 2017.

Dr. Abhay Leonard Ekka, Asst. Prof.

- Presented a paper entitled 'The Theme of Liberation and Transformation in Amitav Ghosh's Novel, Sea of Poppies' at the national seminar on 'Narratives of Freedom in Indian English Literature' organised by the Dept. of English, D.A.V.P.G. College, Varanasi, during April 29 30, 2016.
- Presented a paper entitled 'Good Governance in Shakespeare's play, The Merchant of Venice' at the national seminar on 'Shakespeare: The Stage and the State', organised by the Dept. of English, University of Gaur Banga, Malda Town, on 26th November 2016.
- Presented a paper entitled 'Clash of Cultures in Amitav Ghosh's novel The Shadow Lines' at the national seminar on 'Contemporary South Asian Literature in English' organized by the CFL (English), CUSB during March 20 – 21, 2017.

<u>Department of Chemistry</u> Dr. Girish Chandra, Asst. Prof.

- Presented a paper entitled 'Synthesis and Biological Activities of Fluoro-Analogue of Neplanocin A' in an international conference on 'Nature Inspired Initiatives in Chemical Trends' held at IICT, Hyderabad during September 19 – 20, 2016.
- Presented a paper entitled 'New Methodologies for the Synthesis of Vinylic Fluoride Molecules' in an international conference on 'Recent Advances in Chemical Sciences' held at Dept. of Chemistry, Maharishi Markandeshwar University, Ambala during November 11 - 12, 2016.
- Attended a 10-days workshop on 'Computer-Based Methods for Anti-Cancer and Anti-Viral Drug Discovery' organised in Dept. of Computer Science & Engineering, NIT- Warangal under the umbrella of MHRD, Govt. of India initiated GIAN course during December 10 – 19, 2016.
- Participated in an Orientation Programme at UGC-Human Resource Development Centre, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh during January 9 – February 6, 2017.



Faculty Achievements

Dr. Ram Kumar, Associate Prof., EVS

 Felicitated by the Zoological Society of India (ZSI) with the Prof. M. C. Dash Gold Medal along with citation in the 28th All India Congress of Zoology,



organized by Dept. of Life Sciences, Davangere University, Karnataka during October 20-22, 2016.

Dr. Rizwanul Hague, Head, CBS

Inaugurated an exhibition on "Application of Stem Cell Technology" as chief guest organised at Patna Women's College (PU) to commemorate National Science Day on 23rd February, 2017.



 Appeared in Live personality interview of DD Bihar telecasted in "Bihan" programme on 3rd March, 2017

Dr. Rakesh Kumar, Associate Prof., Biotech

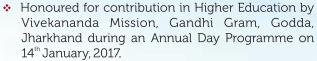
Selected as an Editor for Upcoming Reference Book Entitled "Soy Protein: Properties, Health Effects and Research Advances" to be published by Nova Science Publisher, New York, USA.

Dr. Nitish Kumar, Asst. Prof., Biotech

 Selected as an Associate editor of internationally renowned Biotechnology journal - GENE, published by Elsevier.

Dr. Atish Prashar, Head, CMS

Appointed as Editor as well as reviewer of two internationally acclaimed research journals, namely SAGE and Asian Journal of Agricultural Extension, Economics & Sociology.



Honoured for contribution in Media Education by Makhal Lal Chaturvedi Rashtriye Patrakarita Evam Sanchar Vishwavidyalaya, Bhopal in its two-day national seminar "Bharat ki Gyan parampara".

Dr. Rikil Chyrmang, Asst. Prof., Economics

Honoured by a Meghalaya based non-government organisation Women's Welfare Organisation Seiñraij Jowai (WWOSRJ) primarily working for women welfare on 9th June, 2016.



❖ Awarded visiting fellowship by the Dept. of Economics, Calcutta University for 10 days under UGC sponsored Dept. of Special Assistance Program (SAP) for presentation of research work and interactive session with faculty members and research scholars during February 06 − 15, 2017.

Dr. Girish Chandra, Asst. Prof., Chemistry

 Member of Editorial Board: International Journal of 'Open Access Journal of Medicinal Chemistry (OAJMC)', Medwin Publisher.

Dr. Pranav Kumar, Asst. Prof., Sociological Studies

 Shortlisted for the Stage II of Teacher Innovator award, 2016 by MHRD, Government of India.

Dr. Durg Vijay Singh, Asst. Prof., Bioinformatics

SERB Grant of Rs. 31 Lakh for the project "Design and development of herbicide to regain sensitivity in P. minor resistant Biotypes".

Dr. Vijay Kumar Singh, Asst. Prof., Bioinformatics

Received Young Scientist research grant of Rs 13,20,000/- from SERB for three year project entitled "Identification of molecular species that have potential to compete with insulin for receptor binding".



Community Service

Blood Donation Camp

A blood donation camp was organised at Gaya campus of the University on April 06, 2016, in which, 78 units of blood was donated by the donors. Inaugurated by CUSB Pro VC Prof. O. P. Rai, the camp was organised under the supervision of Dr. Rekha Agrawal, Dean, School of Education in company of student volunteers and faculty members namely, Dr. Kaushal Kishore, Dr. Abodh Kumar, Dr. Samapika Mohapatra, Dr. Anuj Lugun, Dr. Devnarayan Singh and Dr. Rajnish



Kumar. The blood bank of Gaya based A. N. Magadh Medical College collected the blood from enthusiastic volunteers participated in the camp.

Community Development Cell spreads awareness at Panchanpur

Under the auspices of Community Development Cell (CDC) of CUSB on 2nd April, 2016, a team comprised of 34 students, 7 teachers and volunteers in company of Prof. Rekha Agrawal, Convener, CDC and Dr. Kaushal Kishore visited Nepa, Tepa and Dariyapur villages. The visit was intended to take care of important educational, vocational, environmental, social and health issues of the villages situated in the vicinity of the Panchanpur, Gaya close to University's upcoming campus.

Legal Awareness Camp

The Gender Justice Cell of Legal Aid Clinic of School of Law & Governance, CUSB organised a Legal Awareness camp at Sonu Lal Barnal Project Girls High School at Gaya on 13th April, 2016. Assisted by the faculty coordinator Mr. Ahsan Rashid, the students performed



a street play on the atrocities against women and suggested remedies.

Visit to Gaya Central Jail

The Criminal Justice Cell of Legal Aid Clinic of School of Law & Governance, CUSB paid a visit to Gaya Central Jail on 17th April, 2016. A camp was conducted by the students under the supervision of faculty coordinators Mr. Ahsan Rashid and Mr. Deo Narayan Singh. The students addressed the prisoners and



made them aware about their constitutional and legal rights, and also minutely examined their living conditions inside the jail.

Visit to Old-Age Home

The members of University's students' circle 'Renaissance' paid a visit to oldage home situated in Rukanpura area of Patna 30th May, 2016. The students were accompanied by Renaissance faculty co-ordinator Mr. Sujeet Kumar and Dr. Manglesh Kr. Mangalam. During the stay the students fed the senior

citizens and helped them in doing their daily activities. The residents of oldage home showcased their talents which included playing the table and other musical instruments.

Unnat Bharat Abhiyan Cell Awareness drive

The Unnat Bharat Abhiyan (UBA) Cell of CUSB paid a visit to the Dariyapur and Fatehpur villages situated in Tepa Panchayat of Gaya district on 26th September, 2016. A team led by Dr. Anju Helen Bara, Nodal Officer, UBA Cell interacted with villagers and enquired about their health and sanitation condition.

Demonetization Awareness Helpdesk

With the aim to ease out the chaos caused due to the demonetization decision taken by Hon'ble Prime



Minister Shri Narendra Modi on 8th November, 2016, the students of University came forward to help out the common people at banks and ATMs of Patna and Gaya. Under the mentorship of Vice-Chancellor Prof. H.C.S. Rathore the students put up the helpdesk and spread awareness about the banking transactions, money exchange and related queries regarding demonization.

Legal Awareness Camp at Tekari

The members of Legal Aid Clinic of School of Law & Governance, CUSB visited Jolbigha village under Tekari block of Gaya on 20th November, 2016. A team of students under the guidance of Mr. Deo Narayan Singh, Asst. Prof., Law spread awareness about the legal aspects related to welfare schemes of government including the benefits for BPL families, Women, Children Safety Act, Aanganwadi, land disputes, public distribution system, etc.





Permanent Campus, Panehanpur



Entrance Plaza (Main Gate)



Administration Block



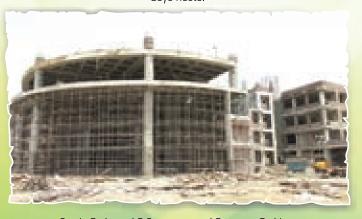
Social Sciences & Policy Building



Foundation Laying of Vice-Chancellor's Residence



Boys Hostel



Earth, Biological & Environmental Sciences Building

Central University of South Bihar

(Established under the Central Universities Act, 2009)

Patna Campus: BIT Campus, P.O.: B.V.College, Patna – 800014 Gaya Campus: Vinova Nagar, Chandauti, Gaya – 823001

Permanent Campus: Panchanpur, Gaya (construction work under progress)





🚹 www.facebook.com/cubofficial



www.twitter.com/cubofficial