



# CUSB TIMES, 2015-16

Newsletter, Central University of South Bihar

Established under the Central Universities Act, 2009

**No. 1 University in Bihar & 94th Rank in All India as per NIRF Ranking, April, 2016**

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## Editorial

**Dear CUSBians,**

Let me start with the famous proverb "**Rome wasn't built in a day**", which literally means that you can't expect to do important things or achieve the milestones in a short period of time. Of course, we do firmly believe on this proverb, and don't claim that we have achieved almost everything in a short span of about six years, since the establishment of the University in 2009. However, importantly at the same time, we don't shy off from proudly saying that almost every day we do keep on achieving something remarkable and exceptional. Like previous years, this one year period (April 2015 – March 2016) too remained full of extraordinary achievements, exciting activities, and pleasant happenings for the University. While, the esteemed faculty members brought the laurels with their funded projects, publications of books, articles in journals, participations in national and international level conferences and seminars, the brilliant students too followed the footsteps of their mentors and made the University fraternity proud with their extraordinary performances in national level competitions, job placements, fellowships like SRF, JRF, NET, GATE, etc.

On the other hand, during this period, we have seen additions of new members in CUSB family. We have got the accomplished leaders (captains) on statutory positions, new Vice-Chancellor Prof. Harish Chandra Singh Rathore, new Pro Vice-Chancellor Prof. O. P. Rai, new Registrar Dr. Gayathri V. Patil, new Finance Officer Mr. Girish Ranjan and new Controller of Examinations Mr. Pranab Kumar Sarkar. Also, the addition of around three dozen new faculty members in the positions of Professor, Associate Professor and Assistant Professor has altogether strengthened up the academia of the University. In nutshell, in past few months' time CUSB has witnessed a rapid leap in the academia as well as infrastructure development on 300 acres-site at Panchanpur, Gaya. With the hope to bring the next edition of CUSB Times probably from Panchapur, with more-and-more success stories and long list of achievements, let us work together to push ahead the University towards achieving the milestones by remembering the famous couplets of Robert Frost "**The woods are lovely, dark and deep, But I have promises to keep, And miles to go before I sleep, And miles to go before I sleep**".

Md. Mudassir Alam  
Public Relation Officer  
Editor, CUSB Times

## University Administration

Prof. Harish Chandra Singh Rathore Vice- Chancellor			
Prof. O. P. Rai Pro Vice-Chancellor	Dr. Gayathri V. Patil Registrar	Mr. Girish Ranjan Finance Officer	Mr. Pranab Kumar Sarkar Controller of Examinations
Mrs. Rashmi Tripathi Joint Registrar	Mr. Kumar Kaushal Asst. Registrar, Administration	Mr. Bipul Kr. Srivastav Asst. Registrar, Accounts	Mr. Praveen Kumar Asst. Registrar, Academic
Mr. Md. Mudassir Alam Public Relation Officer	Mr. Pratish Kumar Das Hindi Officer	Dr. Mayank Yuvaraj Assistant Librarian	Mr. Ashok Kr. Singh System Analyst

# From the Vice-Chancellor's Desk



It's indeed very pleasing for me to bring the Central University of South Bihar Newsletter – CUSB Times for the period of April 2015- March 2016. My journey as the Vice-Chancellor of Central University of South Bihar (CUSB) started on August 5, 2015, and in this short period of time I witnessed a number of activities, happenings, achievements and developments. My first goal i.e. the zeal and enthusiasm to see CUSB among one of the best institutions of the region and country motivated me to start the building construction work at University's permanent campus at Panchanpur in Gaya as soon as possible. Thankfully, the sincere efforts made from our end resulted into the foundation stone laying ceremony of seven buildings on 31st August 2015 by Hon'ble Minister of Human Resource Development (MHRD) Smt. Smriti Zubin Irani. The building construction work is in full swing and we are expecting to shift into our own campus by December 2016. Meetings of statutory bodies such as Academic Council, Executive Council and First Court were conducted quite efficiently, in which key decisions were taken for the benefit of the University and its stakeholders. Two historical decisions were taken in the **14th Academic Council meeting** held on February 11, 2016, and the University would go into the annals of the history of Higher Education in this country as it has been resolved to make **Video recording of the class room lecture** of all the faculty members. The intention behind recording these lectures is to ensure good quality teaching besides making the class room lecture available to the students as and when they want to hear again and to those students who for some reasons or other miss their classes. The University has decided to go for total E-governance wherein these video recorded lectures will be uploaded each day for the access of the students online wherever and whenever they wish to do so. This will also help the University to contribute significantly in the MHRD's initiative to launch **Massive Open Online Courses (MOOCs)**, as the selected good lectures of the faculty would also be uploaded on the Central Portal of MOOCs website thereby strengthening the Govt. of India initiative of availability of MOOCs for the general use under its SWAYAM programme. All these activities and initiatives altogether would surely take the University to a new high on the path of academic excellence and its motto of "Collective Reasoning". Achieving success is of course a daunting task, and for this I congratulate my team of experienced faculty, accomplished officers, skilled staff and bright students. But the important thing is maintaining the level as one of the region's best institution for higher education, and to overcome the challenges coming on way. I am signing off with the full confidence on my team that in the coming years with combined efforts and dedication of all CUSB would scale to epitome of higher studies.

*Wishing you all the best.*

A handwritten signature in black ink, which appears to read "Harish Chandra Singh Rathore". The signature is written in a cursive style and is positioned above a horizontal line.

(Prof. Harish Chandra Singh Rathore)

## Events / Activities at CUSB

### April 2015

#### Lecture by BARC Scientist Dr. S. Gautam

Dr. S. Gautam, Head, Food Science & Safety Section, Food Technology Division in Bhabha Atomic Research Centre (BARC), Mumbai delivered a lecture at CUSB Patna campus on **April 5, 2015**. In the lecture organised by the Centre for Biological Sciences (CBS), Dr. Gautam explained the use of radiation energy in context to India including food security, availability of the food, safety, importance of the food and the status of country in international trade (export of products).



Dr. S. Gautam delivering lecture

The BARC scientist said that India is second largest producer of cereals, vegetables and fruits after China, along with being the biggest producer of spices, in which BARC has given significant contribution. Along with food sector, BARC is also doing research in agriculture sector for developing new varieties of crops, health sector in which radio isotope is used for Cancer diagnosis and radiation therapy, and also the water sector for finding the ways to purify the drinking water, mentioned Dr. Gautam.

#### Seminar on birth anniversary of Dr. Ambedkar

On the occasion of birth anniversary of Bharat Ratna Dr. Bhim Rao Ambedkar a seminar was organised at CUSB Gaya campus on **April 14, 2015**. The session entitled "Dr Bhim Rao Ambedkar and Social Transformation" was chaired by Dr. Kamlanad Jha, HOD, Hindi. In the seminar, Dr. Karmanand Arya, Hindi Dept. highlighted the life history of Dr. Ambedkar especially the unhappier side. Dr. Jitendra Ram said that Ambedkar was not only a philosopher or constitution maker, but also an ambassador for social reform. Others presented the thoughts were Dr. Pranav Kumar, Dr. Prashant Kumar and Dr. Abhay Kumar.

#### CUSB's IEEE wing conducts workshop at Kendriya Vidyalaya

Under the outreach programme, the student branch of IEEE (Institute of Electrical and Electronics Engineers) functioning in

CUSB visited the Kendriya Vidyalaya, Bailey Road, Patna on **April 24, 2015**. A team from the Dept. of Computer Science comprised of head Dr. R. Rajesh and students Mr. Dhananjay Kumar, Mr. Ashish Ranjan, Ms. Smriti Priyadarshini and Ms. Priyanka Kumari conducted a workshop and explained the basics of Graphics C/C++ programming to the students.



Kendriya Vidyalaya students in workshop

IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. A student branch gives students the opportunity to meet and learn from fellow students, as well as faculty members and professionals in the field.

#### CUSB students participate in AIIMS Quiz Contest

On the occasion of 'World Immunology Day' on **April 28, 2015**, the Department of Biochemistry of AIIMS (All India Institute of Medical Science) Patna organised an inter-college quiz Competition on the topic of 'Immunology'. CUSB Students participated along with students of AIIMS, IGIMS and NMCH. Ms. Fauzia Perween and Ms. Tarannum Perween, both M.Sc Life Science secured 2nd position, while Ms. Zeba Rizvi and Ms. Neelam Kumari, both M.Sc Biotechnology secured 3rd position. The 1st and 2nd runner ups received certificates with prize of Rs. 400 and Rs. 300 respectively.

#### Other major events / activities of April, 2015

- A talk-cum-interactive session was organised on 107th birth anniversary of Babu Jagjivan Ram, by the Centre for Sociological Studies, CUSB on **April 6, 2015**. Dr. Jitendra Ram, co-ordinator of Babu Jagjivan Ram Chair, shared his views about Babuji.
- The Centre for Indian Languages, Hindi, of CUSB organised a talk-cum-discussion session named as "Meet the Author" with renowned Hindi author Mr. Mohandas Naimisharai at Gaya on **April 29, 2015**. The editor and author of several books, Mr. Naimisharai spoke about the current situation of the authors and challenges faced by them.

## Events / Activities at CUSB

May 2015

### Free dental check-up camp at CUSB Patna

A free oral and dental health check-up camp was organised at Patna campus of CUSB by Dr. B.R. Ambedkar Institute of Dental Sciences and Hospital, Patna on **May 2, 2015**. Under the hospital's social responsibility programme a 15 member team visited CUSB campus which included doctors namely, Dr. Nishant (M.D.S) and Dr. Swati Priya (B.D.S). Along with University registrar Prof. Mohammad Nehal, faculty members, officers, staff and students the team diagnosed around 100 persons. The check-up included free diagnosis, counseling, free medication and future treatment plan.



Doctors diagnosing CUSB students

### International Conference on Recent Advances in Mathematics, Statistics and Computer Science (ICRAMSCS)

The School of Mathematics, Statistics and Computer Science of CUSB organised a three day conference "International Conference on Recent Advances in Mathematics, Statistics and Computer Science (ICRAMSCS)" during **May 29-31, 2015** in Patna. The international conference was inaugurated at conference hall of Indian Council of Agricultural Research (ICAR) Patna complex. Prof. Arun Kumar Sinha, General Chair of ICRAMSCS in his welcome speech expressed his gratitude towards the speakers and participants for attending the conference despite their busy schedules. He said it's wonderful to see academicians, scientists, scholars and industry professionals here to discuss the modern technological tools and its usage for the society, nation and developing world. Prof. G. P. Patil, former faculty at The Pennsylvania State University, University Park, PA, USA gave the inaugural speech on the topic 'Multivariate Ranking, Prioritization, and Selection in Multivariate Non-Parametric Statistics using Discrete Mathematics Partial Order for Comparative Knowledge Discovery in Multi-Indicator Information Fusion Systems with Multi-Disciplinary Applications: Recent Past, Exciting Present, and Near Future'.



Guests on dais during ICRAMSCS – 2015

In the keynote address Prof. Bhu Dev Sharma from J.P Group of Institute, Ghaziabad spoke on the topic 'Some Advances in Coding, Vagueness Measures and Aggregation Operators'. Further, Prof. B.K Sinha from Indian Statistical Institute (ISI) Kolkata spoke on quite contemporary and interesting topic 'SuDoKu Puzzles – A Combinatorial Marvel'. The keynote address session commemorated with the speech of Prof. J. N. Singh, Barry University, Florida, USA who spoke on the topic 'The Interior-Point Revolution in Mathematical Programming and its place in Applied Mathematics'. For three days a number of papers were presented by renowned academicians, noted people from industry, research scholars and students on various topics related to Mathematics, Statistics and Computer Science.

### Central University of South Bihar Entrance Test (CUSBET) – 2015

The online entrance test Central University of South Bihar Entrance Test (CUSBET) for admission in various programmes was conducted on **May 30 & 31, 2015**. The test was conducted at 15 centres (cities) viz. Patna, Ara, Bhagalpur, Biharsharif, Darbhanga, Gaya, Muzaffarpur and Purnea in Bihar, Ranchi and Jamsheedpur (Jharkhand), Kolkata (West Bengal), Allahabad and Lucknow in Uttar Pradesh, New Delhi and Hyderabad. Candidates appeared for admission in four undergraduate programmes, namely Four-Year Integrated B.A / B.Sc BEd, Five-Year Integrated B.A / B.Sc LL.B (Hons), 16 postgraduate programmes that included Bioinformatics, Biotechnology, Computer Science (both MSc & MTech), Environmental Science, Life Science, Mathematics, Statistics, Communication and Media Studies, Development Studies, Economics, English, Psychology, Political Science and Sociology except Hindi (offline test was conducted at CUSB Patna). The entrance test for admission in integrated MPhil – PhD programmes was also conducted for seven subjects. CUSBET results were declared on June 4, and successful candidates appeared in written test / interview during June 15 - 20, 2015. The admission formalities completed in the month of June 2015 for all programmes.

## Events / Activities at CUSB

### June 2015

#### International Day of Yoga

The International Day of Yoga was observed at Patna and Gaya campuses of CUSB on **June 21, 2015**. The faculty, officers and staff participated in the Yoga practicing session with great pomp and enthusiasm. The Yoga sessions at Patna and Gaya campuses were coordinated by Public Relation Officer Mr. Md Mudassir Alam and Hindi Officer Mr. Pratish Kumar Das respectively.



Yoga Session at CUSB Patna campus

At Patna the Yoga session was conducted by Dr. Anindya Deb from Centre for Mass Communication and Media, while at Gaya campus the session was jointly conducted by Dr. Abodh Kumar, Dr. Pranav Kumar and Dr. Amiya Priyam. The participants took the pledge to keep themselves fit and healthy by adopting Yoga in their daily routine life. The importance of Yoga and its impact in oozing out the stress at work place was also discussed by the participants.

#### Swachh Bharat Abhiyan (Cleanliness Drive Week)

CUSB observed cleanliness drive week (Swachh Bharat Abhiyan) at its Patna and Gaya campus premises during **June 22-26, 2015**. The University observed the cleanliness drive week as per the guidelines received from University Grants Commission (UGC)



CUSB staff participated in Swachh Bharat Abhiyan

and Ministry of Human Resource Development (MHRD). Awareness campaigns were run among the faculty, officers, staff and students by posters and e-mails. As per the guidelines the cleanliness drive was observed with main thrust in the activities viz. upkeep and cleaning of offices including common area premises, toilets, stairs, etc., areas outside the office including parking lots, pathways, etc., disposal of unusable furniture, electrical equipment, etc. and weeding out old files/records etc.

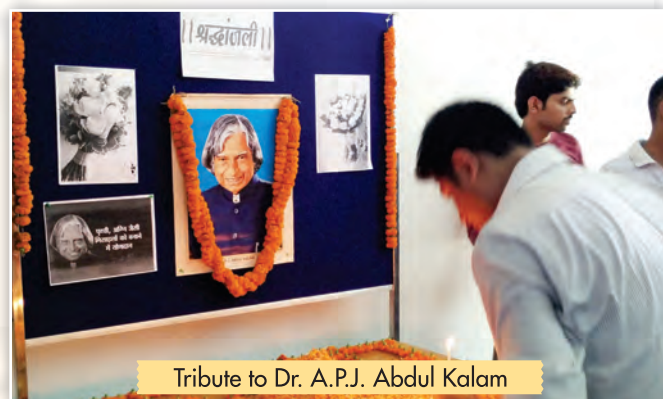
### July 2015

#### CUSB observes Digital India Week

Digital Indian Week was observed at CUSB Patna and Gaya campuses during **July 1-7, 2015** as per the guidelines received from the UGC. The week-long event was formally inaugurated by Prime Minister Shri Narendra Modi at Indira Gandhi Stadium in New Delhi on July 1 through video live streaming. During Digital India Week a number of activities were undertaken which included display of posters and digital services offered by the university, sharing of daily quick facts related to digital services and tools through E-mail with faculty, students and staff. Also, hands on training about available free open source software and use of Unicode were offered.

#### Tribute to Dr. A.P.J. Abdul Kalam

In honour of India's Missile Man and former President of India Dr. A P J Abdul Kalam a condolence session was organised at CUSB Patna campus on **July 28, 2015**, which was attended by the Acting VC Prof. Debdas Banerjee, COE. Dr. C.L. Prabhavathi, along with officers, staff, faculty and students. The condolence session started with observance of two minutes silence in memory of Dr. Kalam. Further the VC and others paid tribute to Dr. Kalam by lighting the candle and offering flowers to his photo. The gathering discussed the life-history of Dr. Kalam, his personality as a great human being along with his contribution to country as a scientist, President of India and educationist.



Tribute to Dr. A.P.J. Abdul Kalam

## Events / Activities at CUSB

### August 2015

#### New Vice-Chancellor of CUSB assumed office

After a gap of about 17 months, CUSB got new Vice-Chancellor Prof. Harish Chandra Singh Rathore who assumed duties on **August 05, 2015**. Prof. Rathore assumed charge as second VC of the University from acting VC Prof. Debdas Banerjee in presence of Registrar (Acting) Dr. (Mrs) C. L. Prabhavati. A DAAD and Humbolt fellow, Prof. Rathore is having a very vast and impressive academic and administrative experience. Before joining CUSB, Prof Rathore was the Dean of Faculty of Education at Banaras Hindu University (BHU), Varanasi. He was also the co-ordinator of Internal Quality Assurance Cell of BHU. He had been the Chief Proctor of BHU for the period of about six years.



Prof. H.C.S. Rathore (R) greeted by former VC

He has received many fellowships and awards for his contributions to the field of Education. Prof. Rathore is member of several national committees constituted by MHRD, UGC, NAAC and NCTE, along with membership of more than a dozen professional national and international bodies. One the first day, following a brief inspection of CUSB Patna campus, Prof. Rathore addressed to media persons during a press conference and urged to make CUSB an institute of national repute. While talking with media, he hinted to shift the University to permanent campus at Gaya very soon.



VC Prof. H.C.S Rathore addresses media

#### Independence Day Celebration

On the special occasion of Independence Day the grand celebrations were organised at University's Patna campus under the mentorship of new Vice-Chancellor Prof. H.C.S. Rathore. The celebrations began with 'Guard of Honour' offered to the Vice-Chancellor by university's security guards followed by hoisting of national flag and singing of national anthem. Further, the Vice-Chancellor shared his views about the Independence Day and future plan of the University. Prof. Rathore said that the need of the hour is to shift the University to Gaya as it would enable the smooth functioning of administration and fasten the University's construction work at permanent campus at Panchanpur.



CUSB VC addresses on Independence Day

The celebration proceeded ahead with cultural programmes presented by students, which included folk dance, folk songs, patriotic song, one-act play based on the life of Shaheed Ashfaq-ullah Khan. The students of Patna campus presented the cultural programmes under the guidance of University's Cultural Activities Committee Coordinator Dr. Anindya Deb, and members Dr. Kinshuk Pathak, Dr. Tara Kashav and Ms. Smita Ray. Similarly, the Independence Day was celebrated at Gaya campus of the University, which was marked by speeches and patriotic cultural programmes.

#### Condolence meet in memory of President of India's wife Late Smt. Suvra Mukherjee

A condolence meeting was organised in memory of President of India Hon'ble Pranab Mukherjee's wife Late Suvra Mukherjee at CUSB Patna and Gaya campus on **August 20, 2015**. The session organised in memory of first lady of India was attended by Registrar (Acting) Dr. C.L. Prabhavathi, along with officers, staff, faculty and students. The condolence session started with a brief tributary speech of Mrs. Prabhavathi in which she threw light on life of Late Mrs. Mukherjee. Further the candle was lightened by the gathering, and floral tribute was offered to the picture of President's wife. Two minute silence was also observed by the gathering in memory of Late Mrs. Mukherjee.

## Foundation Laying Ceremony of Buildings



Mrs. Smriti Zubin Irani, Hon'ble Minister of Human Resource Development (MHRD), Government of India laid down the foundation stone of the buildings of Central University of South Bihar at Panchanpur, Gaya on **August 31, 2015**. Hon'ble minister was accompanied by Mr. Ram Kumar Sharma, Member of Parliament, MLC Mr. Krishna Kumar Singh, Dr. Anil Kumar, Member of Legislative Assembly from Tikari (Gaya), Mr. Vinay Sheel Oberoi, Secretary, Dept. of Higher Education among many others on the dais. The Union minister laid the foundation of seven buildings of CUSB under first Phase, namely, Central Office, School of Earth, Biological and Environmental Sciences, School of Social Sciences & Policy, Boys Hostel, Girls Hostel, Lecture complex and Dining hall.

CUSB Vice-Chancellor Prof. H.C.S Rathore in his welcome address thanked the Union Minister for her presence despite busy schedule. In his brief speech the VC presented the facts along with present status about the University. He had also put his demand for establishment of a Kendriya Vidyalaya in the University premises for the children of faculty members and staff, which was later given green nod by the Hon'ble Minister.



Further, Smt. Irani started her speech in a lighter note and said every second student present among the audience is possessing a smartphone. Hence, for meeting the requirements of such students, government is having a programme called 'Campus Connect' which provides free internet connectivity in the campus. I wish to provide free Wi-Fi to students of the University. Specially speaking about the research scholars, she said for such students we are trying to start a project named as 'E-sodh Sindu' probably by January 2016 through which the Journals, E-books related to research may be provided free of cost. The minister mentioned about the start of special programme under 'Global Initiative of Academic Network (GIAN)' probably in November 2015, in which foreign academician would provide free education to Indian students and the cost would be borne by government. Expressing her concern for financially weak students, the minister said that for

such people the government is going to take an initiative called 'Swyam'. Referring to 'Unnat Bharat Abhiyan' project, the minister urged the University to adopt five villages from the vicinity so that they get enlightenment of education. The vote of thanks was proposed by Acting Registrar Dr. (Mrs.) C.L. Prabhavathi followed by National Anthem the programme ended.



## Events / Activities at CUSB

### September 2015

#### Roundtable discussion on Bihar floods

The Centre for Environmental Sciences of CUSB organised a roundtable discussion on the topic "The Agony of Rivers: Floods in Bihar" on **September 3, 2015** at Hotel Maurya in Patna in collaboration with the Himalayan Adaptation, Water and Resilience (HI-AWARE) Research Initiative of the International Centre for Integrated Mountain Development (ICIMOD) and Megh Payne Abhayan.

About 60 participants, including 12 flood-affected community representatives from different flood affected zones of Bihar, shared their experiences of living with the floods, impacts on their lives and livelihoods, and probable flood risk mitigation and adaptation options.

#### Foundation Day cum Freshers' Party

The 6th foundation day of CUSB accompanied by Teachers' day was celebrated at University's Patna campus on **September 5, 2015**. The celebrations were followed by Freshers' party thrown away by the third semester (senior) students for the newcomers (juniors). CUSB's foundation day celebrations started with lightening of lamp by Prof. Arun Kumar Sinha followed by his speech. Freshers were welcomed with love and warmth coupled with funny games and entertaining cultural programmes performed by the seniors. Major highlight of the freshers' party was selection of Ms. and Mr. Fresher from 20 participants, 10 each from girls and boys. A bench of four judges declared Ms Jaya Shukla (MA Psychology) as Ms. Fresher and Mr. Lokesh (MSc Life Science) as Mr. Fresher after three rounds of competitions. The event was organised under the supervision of Cultural activities committee members namely, Dr. Anindya Deb, Dr. Kinshuk Pathak, Dr. Tara Kashav and Mrs. Smita Roy.



Participants in Ms. & Mr. Fresher competition

#### हिन्दी दिवस तथा हिन्दी पखवाड़े का आयोजन

दक्षिण बिहार केन्द्रीय विश्वविद्यालय, गया परिसर में **14 सितम्बर, 2015** को हिन्दी दिवस का आयोजन किया गया तथा हिन्दी पखवाड़े का औपचारिक उद्घाटन किया गया। इस दौरान हिन्दी अधिकारी श्री प्रतीश कुमार दास ने राजभाषा के प्रयोग तथा राजभाषा अधिनियमों, नियमों तथा संवैधानिक प्रावधानों की जानकारी दी।



हिन्दी पखवाड़े का औपचारिक उद्घाटन

हिन्दी पखवाड़े का आयोजन दिनांक **14 से 28 सितम्बर, 2015** तक किया गया और इस दौरान चार प्रतियोगिताएं क्रमशः भाषण, कविता पाठ, प्रश्नोत्तरी तथा टिप्पण एवं प्रारूपण का आयोजन किया गया जिसमें विद्यार्थी, संकायगण, अधिकारीगण तथा कर्मचारीगण ने शिरकत की। कार्यक्रमों का आयोजन दोनों परिसरों में किया गया तथा पखवाड़े का समापन कार्यक्रम पटना परिसर में आयोजित किया गया जिसमें विजेताओं को पुरस्कृत भी किया गया।

### October 2015

#### Seminar on Cyber Security

Department of Computer Science of CUSB organised a seminar on 'Cyber Security' on **October 7, 2015**. Mr. Shesh Sarandghar a security researcher and CEO of Seclabs & Systems Private Limited, delivered the lecture with special emphasis on 'ethical hacking'. Mr. Sarandghar primarily spoke about cyber security and threw light on various aspects of ethical hacking along with his colleagues Mr. Rahul and Mr. Anand. Further the team said that the security of data is very important for the safety of nation. Hence, for coping with hacking the website owners, governments and various agencies hire ethical hacker, whose prime responsibility is to safeguard the data and fixing the bugs coming into notice time-to-time into the system.

#### World Mental Health Day

On the eve of World Mental Health Day on **9th October 2015**, University's Centre for Psychological Sciences (CPS) organised a special lecture by Prof. Tej Bahadur Singh, former Dean of Clinical

## Events / Activities at CUSB

Psychology, IHBAS, New Delhi. Delivering the lecture on the WHO theme "Dignity in Mental Health, Indian context", Prof. Singh said that the mental illness problem is raising at an alarming rate across the globe. If it continues to increase in same rate, then one in every four persons in the world would suffer. Prof. Singh said mental illness is curable if treatment is done under the consultation of psychologist on time.



Prof. Tej Bahadur Singh delivers talk

The centre also organised a speech competition for the students on the topic "Promoting Mental Health through social Inclusion". In speech competition prizes were given to top three performers, Mr. Anurag Kr. Mishra (MA Mass Communication) and Ms. Jaya Shukla (MA Psychology) both from CUSB and Ms. Shambhavi from Patna Women's College respectively.

### Second World Statistics Day celebrations

Statistics department of CUSB celebrated second World Statistics Day on **October 20, 2015**. CUSB VC Prof. H.C.S Rathore after formally inaugurating the event in his presidential address said about the increasing dependency of world on the applications of Statistics in behavioural sciences. The chief guest Prof. Amarendra Mishra, former head of Statistics, Patna University outlined the importance and applications of statistics in day-to-day life. At the outset of the function Prof. Arun Kr. Sinha, Head, Dept. of Statistics explained the purpose of the special day with the slogan "Better



Inauguration of World Statistics Day

Data, Better Lives". He emphasized on Statistical learning importance to understand the hidden meanings of the big data sets. An essay writing competition was held on this occasion, in which 1st and the 2nd prizes were won by Mr. Krishna Kumar and Mr. Ayush Ranjan Singh of Patna Science College, while the 3rd prize was won by Mr. Divya Prakash of the CUSB.

### Vigilance Awareness Week

As per the guidelines received from Central Vigilance Commission, CUSB observed the Vigilance Week during **October 26-31, 2015** at Patna and Gaya campuses. With the theme "Preventive Vigilance as a Tool of Good Governance", the vigilance week started with a pledge taking ceremony, which was administered by Registrar (acting) Dr. (Mrs.) C.L. Prabhavathi at Patna and Prof. Alok Kr. Gupta in Gaya. The faculty members, officers, staff and students of CUSB took the pledge to continuously strive to bring about integrity and transparency in all spheres of their activities. Under the vigilance week celebrations an essay competition was conducted on 28th and 29th October, 2015 at Gaya and Patna respectively, carrying the cash prizes of Rs. 1500, Rs. 1000 and Rs. 500 respectively for top three performers. A panel discussion on the theme was also conducted under the supervision of Prof. Alok Kumar Gupta as well during the week.

### National Unity Day

The 140th Birth Anniversary of Sardar Vallabhbhai Patel was celebrated as 'National Unity Day' at CUSB on **October 31, 2015**. The day at CUSB started with the formal inauguration by Vice-Chancellor Prof. H.C.S Rathore, who said 'Unity' is the only way to bring prosperity in the country, and we must remember the contributions of Sardar Vallabhbhai Patel, as a freedom fighter and first Home Minister and Deputy PM of India. Further the VC flagged off the 'Run for Unity', which was participated with great enthusiasm by faculty, students and staff. A lecture on Sardar Vallabhbhai Patel was delivered by CMS Head (I/C) Dr. Kinshuk Pathak. On this occasion, a documentary made by Film Division of India was screened at the conference room, along with a 'Book Exhibition' and a debate competition on the topic "Diversity in an asset for India" was organised for the students.



CUSB VC flags off Run for Unity

## Events / Activities at CUSB

### November 2015

#### National Education Day

On the eve of National Education Day (11 November), the birth anniversary of renowned freedom fighter and Independent India's first Education Minister, Maulana Abul Kalam Azad CUSB organised special programmes on **November 10, 2015**. At Patna campus the celebrations started by lightening of the lamp and paying floral tributes to the picture of Maulana Abul Kalam Azad by Acting Registrar Dr. C. L. Prabhavathi in presence of faculty members, officers, staff and students.



Prof. Arun Kr. Sinha speaks on Maulana Azad

Prof. Arun Kumar Sinha, head, Dept. of Statistics delivered a lecture on Maulana Azad and said that he was the preacher of modern education, and seeing the progress of country in disseminating quality education among people. Public Relation Officer Mr. Md. Mudassir Alam also shared his views on Maulana and urged the students to follow his teachings to make a successful career. A documentary on Maulana Azad was also screened by Centre for Media Studies.

#### Lecture of US-based scientist Dr. Dhruv Kumar

CUSB's Centre for Biological Sciences (CBS) organised a talk by US based Indian scientist Dr. Dhruv Kumar on **November 23, 2015**. Dr. Kumar delivered the talk on "Metabolic symbiosis between tumor-associated fibroblasts and head and neck squamous cell carcinoma". In his talk Dr. Kumar highlighted the disease caused by Cancer cells in head and neck, and the molecular mechanisms involved in head and neck squamous cell carcinoma (HNSCC) progression. Dr. Kumar shared the fact that usually people think that neck and head cancer is caused by use of tobacco product, but betelnut (supari) also causes cancer. Speaking about the remedies to protect oneself from the attack of cancer, Dr. Kumar stressed upon the need of eating the half-boiled food as the nutritional value of the food decreases with deep cooking and deep fry. He said the anti-cancer components are found in turmeric, green tea, and vegetables like cauliflower, cabbage, broccoli etc.

#### Constitution Day Celebration

School of Law & Governance of CUSB celebrated the Constitution Day on **November 26, 2015** in honour of Dr. B.R. Ambedkar. A number of activities were organised on this day including introductory speech by Dr. Pradip Kr. Das, presidential address by Dr. Alok Kr. Gupta & a talk on "Role of Ambedkar and Nation Building" by Dr. Jitendra Ram. The students participated in stage play, speech competition, poster making competition and essay writing competition.



One-act play by students of Law

### January 2016

#### National Youth Day Celebration

The 153rd birth anniversary of India's greatest thinker and philosopher Swami Vivekananda was celebrated as National Youth Day at CUSB on **January 12, 2016**. On this day activities based on ideas and teachings of Swami Vivekananda were organised under the supervision of Mr. Sujeet Kumar, Asst. Prof., CMS in Patna and Prof. Alok Kr. Gupta, Head, CPS in Gaya. A documentary on Swami Vivekananda was screened, and a debate competition on the topic "Role of youth is only solution for National Development" was organised in which Ms. Wali Shabina, Mr. Nishant and Mr. Anurag were winners, and got first, second and third prize respectively. At Gaya campus activities namely, panel discussion, essay writing competition and a pictorial exhibition on Swami Vivekananda were organised.

#### UNICEF workshop on child rights

The state representatives of media development department of UNICEF conducted a workshop on child rights at Centre for Mass Communication and Media Studies (CMS) of CUSB on **January 13, 2016**. In the workshop chaired by Mr. Sujeet Kumar, Asst. Prof., CMS, Ms Arshi Aggrawal, state media consultant of UNICEF had given a presentation on child sensitization. Mr. Kamal Kishor (founder of Rudra development foundation) and Ms Shilphali Bhardawaj (RDF) shared their views with students. A brief presentation on child rights was given before the students, who were also motivated to work for the social cause that in turn would improve their personalities.

## Events / Activities at CUSB

### Republic Day Celebrations

The Republic Day was celebrated with great enthusiasm and patriotism at both the campus of CUSB. The national flag was hoisted by Vice-Chancellor Prof. Harish Chandra Singh Rathore and acting Registrar Dr. (Smt.) Rekha Agrawal at Gaya and Patna respectively. In Gaya the Republic Day celebrations started with guard of honour offered to the VC, which was followed by the hoisting of tri-colour and singing of national anthem. In his address the Vice-Chancellor said about the significance of Republic Day for India and its people. Prof. Rathore said that if things go well in the coming time the University may start the Yoga studies with the cooperation of students, faculty and staff. With knowing the Yoga techniques along with being healthy and fit, the students shall get the good employment opportunities.



VC addresses the gathering on Republic Day

The VC said that India is bestowed with mineral as well human resources but still we are lagging behind in the development index. A fair portion of country's budget is spent for medicines, but it doesn't reach to needy people, which is a matter of great concern. He also spoke about clean India campaign and responsibility of citizens. After VC's speech, cultural programmes were performed which included the human pyramid formation by the students, skits, songs and dance. Similarly, in Patna after the speech of Prof. Rekha Agrawal cultural programmes were presented by the students in supervision of Cultural Activities Committee member Dr. Tara Kashav.

### February 2016

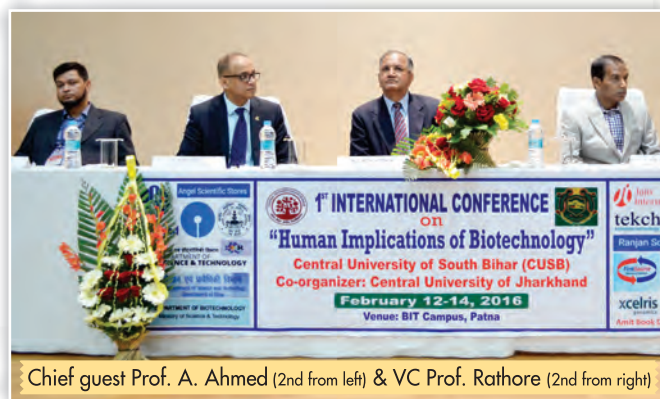
#### Talk on application of Classical Groups

A lecture on the applications of 'Classical groups' was given at CUSB by Dr. Ramji Lal, from Harish Chandra Research Institute of Mathematics, Allahabad on **February 3, 2016**. In the talk organised by the Dept. of Mathematics of CUSB, Dr. Lal spoke on the topic 'Classical Group' and its applications in Mathematics and theoretical Physics. He also specifically mentioned about other

aspects of classical groups such as the bilinear forms, automorphism group forms, Lie algebra, etc. Prof. B. G. Prasad, head Dept. of Mathematics, Patna University was also present during the talk. Dr. Rajesh Pratap Singh head (I/C) Dept of Mathematics conducted the talk in company of faculty members Dr. Vivek Jain, Dr. Jitendra Singh and Dr. Pankaj Mishra.

### International Conference on Human Implications of Biotechnology (ICHIB) - 2016

The Centre for Biological Sciences (CBS) of CUSB organised "First International Conference on Human Implications of Biotechnology" (ICHIB) – 2016 during **February 12-14, 2016**. The three day conference formally inaugurated in presence of CUSB Vice-Chancellor Prof. H.C.S Rathore, chief guest Prof. Asif Ahmed, Dr. R. S. Rathore and Dr. Rizwanul Haque from CBS. Prof. Amrendra Narayan Misra from Central University of Jharkhand was also present as co-organiser of the conference. Prof. Asif Ahmed gave a plenary talk on the topic 'Risky business of pregnancy'. He dealt about 'Pre-eclampsia', a pregnancy disorder characterised by high blood pressure and high protein in urine. Usually it occurs one in every 50 pregnant women with symptoms like seizures, strokes, premature baby death and death of mother. Prof. Ahmed said that he in company of scientists is studying about the disorder to develop new and affordable therapy for pregnancy complications.



Chief guest Prof. A. Ahmed (2nd from left) & VC Prof. Rathore (2nd from right)

CUSB VC Prof. H.C.S. Rathore said that Biotechnology is really good for human beings but the basic social values must not be ignored. He urged from the researchers to develop medicines for deadly diseases and finding out the ways for decomposition of waste materials. On the inaugural day, CUSB signed a Memorandum of Understanding (MoU) with Aston University of United Kingdom (UK) for research on Stem Cell therapy, Drug Designing therapy, Mental health, etc. In the three day conference many papers, talks and posters, were presented by around 500 delegates comprised of experts, scientists, researchers and students.

## Events / Activities at CUSB

### March 2016

#### मातृभाषा दिवस का आयोजन

मानव संसाधन विकास मंत्रालय, भारत सरकार एवं विश्वविद्यालय अनुदान आयोग, नई दिल्ली के निदेशानुसार **3 मार्च, 2016** को दक्षिण बिहार केन्द्रीय विश्वविद्यालय के गया परिसर में मातृभाषा दिवस का आयोजन किया गया। मातृभाषा दिवस का उद्घाटन पूर्वाह्न 11:00 बजे डीन स्कूल ऑफ एजुकेशन प्रो. रेखा अग्रवाल, डीन स्टुडेंट्स वेल फेयर डा. सनत कुमार शर्मा, डीन, स्कूल ऑफ पॉलिटीकल साइंस एंड इंटरनेशनल रिलेशंस प्रो. एस.एन.सिंह, प्रॉक्टर (कुलानुशासक) डा. कौशल किशोर तथा हिन्दी अधिकारी श्री प्रतीश कुमार दास ने सम्मेलन कक्ष में दीप प्रज्वलित कर किया। इसके उपरांत सभी ने मातृभाषा के प्रयोग पर अपने विचार रखे। आयोजन के तहत विद्यार्थियों हेतु तीन प्रतियोगिताएं क्रमशः पेंटिंग प्रतियोगिता, निबंध प्रतियोगिता तथा गायन प्रतियोगिता का आयोजन भी किया गया।

#### Blood Donation Camp

A blood donation camp was organised in CUSB Patna campus on **March 15, 2016** in association with Blood Bank of Indian Red Cross Society, Patna. Organised under the mentorship of Vice-Chancellor Prof. H.C.S Rathore, the donation camp was inaugurated by Pro Vice-Chancellor Dr. O. P. Rai in presence of Registrar Dr. Gayathri V. Patil.



Volunteers Donating blood in Camp

Fifty eight-year-old Prof. Rekha Agrawal, Dean, School of Education donated the blood as first donor followed by the Registrar Dr. Gayathri V. Patil. The camp was conducted under the leadership of Dr. Rajesh Kr. Ranjan, and faculty members, namely Dr. Prashant, Dr. Gautam Kumar, Dr. Amrita Srivastava and Dr. Vivek Kr. Jain, and PRO Mr. Md. Mudassir Alam. The enthusiastic campaign of student volunteers namely Anurag Kumar Mishra, Ritesh Ranjan, Sishukesh, Ravi Prakash Gupta, Mohd Azharuddin and many others through posters, rally and seminar resulted in a record total collection of 102 packs of blood units.

#### Annual Sports Carnival at Patna Campus

The Annual Sports Carnival was organised at Patna campus during January 16-23, 2016 under the supervision of Sports Activities Committee Co-ordinator Dr. Rajesh Kumar Ranjan and members Dr. Prabhat Ranjan, Dr. Amrita Shrivastava and Mr. Arvind Saraswat (SI). During the one week extravaganza games of Badminton, Chess, Carom and Cricket were organised for boys and girls excluding Table Tennis (only for boys). On January 22, CUSB Vice-Chancellor Prof. H.C.S Rathore inaugurated the Girls' Cricket match in which Team-A scored 102 and defeated Team-B by 2 runs. In Boys' Cricket final Team-A scored 146 runs and defeated Team-C by 91 runs. In Chess, Sushmita Kumari (MSc. CS) won the final in girls' category, while Kumar Saurabh (MSc. Stats) won in boys' category. In Carrom finals, the winners in girls and boys categories were Monalisa (MSc. LS) and Ravish Kant (MSc. Stats) respectively. In badminton doubles girls category Priyanka Kumari and Amita Kumari (both MSc. EVS) defeated Neha Mithilesh and Sneha Kumari (MSc. LS). In the boys' category badminton double Surjit Goyal and Nishant Kumar (MA CMS) defeated Kumar Saurav and Ravish Kant of MSc. Stats. In Table Tennis boys' category Prabhat Ranjan, MA Psychology defeated Amit Kumar from MSc CS. Prizes, certificates and medals were given to the winners and runners up by CUSB VC during a special ceremony.

#### Annual Sports Meet at Gaya Campus

The Annual Sports Meet named as 'Umang' 2016 was conducted at CUSB Gaya campus during February 17-20, 2016. Under the supervision of Sports Committee of Gaya a number of indoor and outdoor games were organised for Boys and Girls namely, Long Jump, High Jump, Shot Put, Tug of War, 100x4 Relay Race, 800 Mtr. Race, 400 Mtr. Race, Sprint - 200 Mtr., Sprint - 100 Mtr., Volleyball, Kabbadi, Badminton, Chess, Carrom, Cricket (Boys only) and Football (Boys only). The Annual sports meet was inaugurated by Professor Sanjay P. Srivastava, Dean, School of Law and Governance, who lit the lamp in the presence of students and faculty and non-teaching staff. Dr Sanat Kumar Sharma, Dean of Student's Welfare, requested students to maintain healthy and positive conduct during the event.



CUSB VC interacts with the players of girls cricket team



## Students' Achievements / Activities

### CUSB student attended an interactive session with HRD Minister Smt. Smriti Zubin Irani

Mr. Navneet Kumar, a B.A. LLB (3rd Semester) student of CUSB attended an interactive session with Minister of Human Resource Development (MHRD) Smt. Smriti Zubin Irani on **September 16, 2015** in New Delhi. In the three hour long session, the Hon'ble minister first interacted with the participating students from Central Universities across the country, followed by a video conference session on the issue of "No Detention Policy". During the interactive session the minister thoroughly discussed the key issues raised by participants related to higher education such as challenges in pursuing PhD (research), receiving fellowships, job insecurity, lack of adequate infrastructure, etc. Navneet raised the issue of existing examination system i.e. frequent assessment system in schools and colleges.



Mr. Navneet Kumar

Another issue was related to the problems faced by students in getting adequate practical exposure in law, education and vocational courses.

### Movie made by CUSB students selected for screening in National Film Festival

A short film exclusively produced by the students of B.Sc.-B.Ed. programme of CUSB was shortlisted for screening in 6th National



Dr. Amiya Priyam with film-making students

Science Film Festival & Competition organized by Vigyan Prasar, Govt. of India at Nehru Science Centre, Mumbai during February 9-13, 2016. A science film titled, "Tap, twist and turn the PIEZO way to Smart Electricity", was made by the students under the guidance of Dr. Amiya Priyam, Asst. Prof., Chemistry. The movie was selected for screening in the category C (film made by students pursuing degree/diploma level courses in any subject) out of 144 entries received from across the country. Made by the students namely, Aman Ranjan, Supriya, Kushagra Rohatgi, Megha Vatsa, Shubham Kr. Lal and Sudha Sinha, the movie was an attempt to create awareness about Piezoelectricity, a simpler, greener and economical solution to the prevailing energy crisis.

### Photo Exhibition by B.Voc students at Gaya

Bachelor in Vocation (BVoc) students of CUSB participated in a workshop-cum-photo exhibition at Gaya campus on September



Photo Exhibition by B. Voc Students

11, 2015. First semester students Satya, Deepak, Vinita, Jagriti, Surbhi, Diksha, Gautam, Ruby, Dolly, Shilpi and Vikas got hands on training in varied art forms namely drishyachitran, sthirjeevanchitran andrang sanyojan, and also understood the nuances under the guidance of veteran artists Umendra Pratap Singh and Varsha Singh. The students also got to know about the techniques of handcraft in manufacturing paperbag, envelope, folder and greetings with the use of ingredients like paper and cloth.

### CUSB students constitute Study circle

The students of CUSB Patna campus constituted a study circle named as "Renaissance", which was formally inaugurated by Vice-Chancellor Prof. H.C.S. Rathore as Patron. Renaissance was formed to organise various types of issue based events along with conferences, seminars, lectures and group discussion etc.

### CUSB students develop a Web Application for Course Assessment System (CAS)

M.Tech Computer Science students of CUSB Dhananjay Kumar and Yashwant Kumar developed a web application for the course



## Students' Achievements / Activities



CUSB VC gives certificate of appreciation to students

assessment system named as "Evaluation of Teachers by Students". The students were honoured by Vice-Chancellor Prof. H.C.S Rathore with a certificate of appreciation and prize money of Rs. 5000 for each student. Indigenously developed in a record time of one month, the web application was intended to automate the feedback of students for the courses taught by their respective teachers. The PHP was used for front end development, MySQL for database management, and JQuery, Java Scrip of Ajax to enhance the features of the system.

### National Award in Essay Writing competition

Vishal Kumar Singh, a student of BA LLB (Hons) received the certificate of merit in All India Essay Writing Event 2015 organised by the Shri Ram Chandra Mission (SRCM) and United Nations Information Centre for India and Bhutan (UNIC). For his prize winning essay on the topic "A Man without Inner soul is slave to his surroundings", Vishal was felicitated during a ceremony organised at Abhilekh Bhawan in Patna in February 2016.

### CUSB student becomes Microsoft Student Partner for India

Dhananjay Kumar, M.Tech Computer Science student of CUSB was selected as a Microsoft Student Partner (MSP) for India for 2015-16. Dhananjay was entrusted with the task of carrying the value of Microsoft's offerings to students in CUSB and other institutions across the country.

### Unnat Bharat Abhiyaan Cell at CUSB

CUSB constituted Unnat Bharat Abhiyaan (UBA) Cell and taken up the responsibility to bring transformation in the rural development of the region. At the initial stage, the Cell has identified few villages of Nepa panchayat viz. Dariyapur, Tapa, Shahbazpur, Nepa and Kharhara. The cell is looking after the key issues like Education, Health and Sanitation, Entrepreneurship and Agriculture. A pilot visit was conducted on **December 07, 2015** by UBA Cell members namely, Dr. Haresh Narayan Pandey, Dr. Abodh Kumar, Dr. Rinki, Mr. Atish Kumar Dash and Dr. Anju Helen Bara visited five villages of Nepa panchayat with students. On **February 15, 2016**, a village meeting was organised in the premises of Fatehpur Middle-High School of Nepa panchayat which was attended by the members of



Members of UBA Cell visits Nepa Panchayat

panchayat, mukhiya and teachers, along with UBA Cell members and students.

### Formation of SMiLE, a social service group by CUSB Political Science students

The students of M.A Political Science initiated a social service group named as "SMiLE" in January, 2016 under the supervision of Dr. Pranav Kumar, Asst. Prof, Centre for Political Studies and International Relations. Shortly after its establishment, the students of various departments such as Economics, Development Studies, Education and Law joined the group and actively participated in



SMiLE team members guiding the school students

the activities. Also the faculty members Dr. Alok Kumar Gupta, Dr. Anju Helen Bara with others provided the necessary guidance to the SMiLE team for running their activities. In the first phase, the SMiLE team visited the Dankan Madhya Vidyalaya and Rampur Madhya Vidyalaya, Sikaria More, Gaya, and interacted with the students and teachers. The team researched on the problems that the students and teachers are facing, factors behind the absence of enrolled students in the school, and the reasons for low enrolments from specific areas. In the second phase, the team visited the selected schools and organised various competitions like Quiz, Poster making, Drawing, Essay writing, Sports and Cultural activities. Prizes were given to the best performing students in various competitions. In the third phase the team made a visit to the areas which they had identified on the basis of student's lower enrolment ratio.

## Faculty Achievements - Awards, Honours, etc.

### President of India honoured Dr. Abodh Kumar

Dr. Abodh Kumar, Asst. Prof., Centre for Economic Studies and Policies was honoured by President of India Shri Pranab Mukherjee in the Inspired Teachers' In-Residence Programme held during June 6-12, 2015 at Rashtrapati Bhavan in New Delhi. Dr. Kumar secured the highest number of nominations by the students as 'Inspired Teacher', and was nominated for by the Vice Chancellor of CUSB. Dr. Kumar represented the state of Bihar along with 31 faculty from Central Universities situated across the country. During the 7-day programme witnessed change of guard ceremony, famous spots of Rashtrapati Bhavan such as President's Estate, Auditorium. Visit to historical places of Delhi and Parliament House were other highlights.



Dr. Abodh Kumar honoured by President of India

### Dr. Gautam Kumar, Life Science, CBS

- Received the **SURE Young Scientist Award-2015** for outstanding contribution in the field of Plant Physiology and Biochemistry by the Society for Upliftment of Rural Economy, Varanasi (UP) in National Conference on "Rural Livelihood Security through Innovative Agri-entrepreneurship (RLSIAe)" during March 12-13, 2016 held at ICAR Central Potato Research Station Patna (Bihar).

### Dr. Pradhan Parth Sarthi, Centre for EVS

- Bagged the smart city project for Climate Change as part of a project titled 'Limit to Urbanization: Application of Integrated Assessment for Smart City Development in India', funded by the Toyota Foundation and in association with the Kyoto University, Japan. Project output is therefore, envisaged to help the national mission to achieve its target with higher probability by creating an appropriate and comprehensive guiding principle for Smart City development. Ministry of Urban development, Govt. of India.

### Dr. Anju Helen Bara, Development Studies

- Awarded South-South Institute Laureates Fellowship to attend and participate in the 8th South-South Institute Workshop on Inequality and Social Justice in Global South, Durban, South

Africa during September 10-19, 2015.

- Awarded the grant to attend and present a paper in the conference on Waste in Asia being organized by Leiden University, Netherlands, 2016.

### Dr. S. P. Srivastava, Law and Governance

- Nominated member for LL.M. Syllabus and Regulation Drafting Committee at Magadh University, Bodh Gaya and invited for a meeting during March 12-13, 2016.

### Dr. Saroj Kumar, Centre for Foreign Languages, English

- Awarded the JRF by UGC on June 15, 2015.
- Awarded Ph.D by The English and Foreign Languages University, Hyderabad on May 27, 2015.

## Publications in Books, Journals, etc.

### Life Science, Centre for Biological Sciences

#### Dr. Amrita Srivastava

- Phylogeny and evolutionary genetics of *Frankia* strains based on 16S rRNA and *nifD-K* gene sequences. A K Mishra, P K Singh, P Singh, A Singh, S S Singh, A Srivastava, A K S, H K Sarma. *Journal of basic Microbiology*, Vol 55(8): 1013-1020.



#### Dr. Gautam Kumar

- Charanpreet Kaur, Gautam Kumar, Suminder Kaur, Mohammad Wahid Ansari, Ashwani Pareek, S. K. Sopory, Sneha L. Singla- Pareek (2015) Molecular cloning and characterization of salt overly sensitive gene promoter from *Brassica juncea* (BjSOS2) *Molecular Biology Reports*; (42) pp. 1139-1148



### Centre for Environmental Sciences

#### Dr. N. L. Devi

- Yadav IC, Devi NL. 2015. Pesticides Classification and Its Impact on Human and Environment. In: Gurjar BR, Govil JN (Eds.), *Environmental Science and Engineering*. STUDIUM PRESS LLC, USA P.O. Box 722200, Houston, TX 77072, USA (in press)
- Devi NL, Yadav IC, Qi S, Dan Y, Zhang G, Raha P 2015. Environmental carcinogenic polycyclic aromatic hydrocarbons in soil from Himalayas, India: Implications for spatial distribution, sources apportionment and risk assessment. *Chemosphere* 144 (2016) 493-502. (Impact factor: 3.34)
- Devi NL, Yadav IC, Raha P, QiS, Dan Y. 2015. Spatial distribution, source apportionment and ecological risk assessment of residual organochlorine pesticides (OCPs) in the



## Publications in Books, Journals, etc.

Himalayas. Environ SciPollut Res. 22: 20154-20166. (Impact factor:2.82)

- Yadav IC, Devi NL, Syed JH, Cheng Z, Li J, Zhang G, Jones KC.2015.Current status of persistent organic pesticides residues in air, water, and soil and their possible effect on neighboring countries: A comprehensive review of India. Sci Total Environ 511:123-137 (Impact factor: 4.09)

### Centre for Foreign Languages, English

#### Dr. Prabhat Kumar Singh

- Buddh: Nirvan Ki Raah Per (Upanyasa), Rajkamal Prakashan, New Delhi, January 2016.
- Random Thoughts: Essays in Criticism, Cambridge Scholars Publishing, Newcastle, England, September 2015.
- Indelible Impressions. Authorspress, New Delhi, December 2015.

#### Mr. Suresh Kurapati

- Published a chapter: "Question of Touchability /Untouchability of Mala Dasaris in Indian Society". Murali Manohar, D. (2013). Dalit Hindu Narratives. New Delhi: Global Research Publications. (p. 50-55). (ISBN978-81-89630-79-9)
- Published a chapter: "Mother Tongue vs. English Medium of Instruction for Dalits" (Ed. Alladi Uma, K. Suneetaha Rani & D. Murali Manohar). (2014). English in the Dalit Contexts. New Delhi: Orient Black Swan. ( ISBN 9788125055198.(Page no. 77-84).

#### Dr. Arpana Jha

- 'The Movie Parineeta: A Transcreation', Pune Research: An International Journal in English, ISSN 2454-3454, Vol. 1, Issue 3.

#### Dr. Saroj Kumar

- Published a paper titled 'Functional Analysis of Hindi-English Code-Switching used by the Children' in Gami, Upendra. (ed.) Literaria Linguistica (Vol. 1), ISSN No. 24545228
- Published a paper titled 'Linguistic Opinion and Preference of the Educated Urban People of Hindi Speaking Region of India: A Study of Mixed-Hindi-English:' in Singh, Vijay Prakash. (ed.) International Journal of Literature, Language and Theory (Vol. 1, Issue II), ISSN No. 2347355X

### Centre for Indian Languages, Hindi

#### डॉ रविन्द्र कुमार पाठक

- 'लोहे का स्वाद उस घोड़े से पूछो, जिसके मुँह में लगाम है', 'मातृत्व' (—गायत्री आर्य) पुस्तक, साहित्य उपक्रम, दिल्ली, जनवरी, 2016
- 'किशोरी दास वाजपेयी का व्याकरण—विमर्श (कारक और विभक्ति रू

समस्या और समाधान)', 'प्रतिमान', विकासशील अध्ययन पीठ,दिल्ली 191-212, जनवरी—जून, 2015

- 'हिन्दी—व्याकरण के कुछ उलझे—अनुत्तरित सवाल', 'भाषा', केन्द्रीय हिन्दी निदेशालय, दिल्ली, 187-192, जुलाई—अक्टूबर, 2015
- 'हिन्दी की ध्वनि ध्वर्ण—व्यवस्था का अवलोकन', 'गवेषणा', केन्द्रीय हिन्दी संस्थान, आगरा, 31-60, जनवरी—जून, 2015
- 'ज्वलन्त स्त्री—समस्या पर कविताई', 'फारवर्ड प्रेस', दिल्ली, 39-43, मई, 2015
- 'पर्यावरण का प्रश्न और स्त्री', 'बयान', दिल्ली, 7-10, अप्रैल, 2015
- 'बेटा आँख होता है और बेटा नाक रू लोकोक्तियों में झाँकती स्त्री द्वेषी भावनाएँ', 'चेतांशी', पटना, 76-77, अक्टूबर—दिसम्बर, 2015
- 'माँ सार्वभौमिक है और मौलिक भी', 'चेतांशी', पटना, 78-79, अप्रैल—जून, 2015

#### डॉ कर्मानन्द आर्य

- आदिवासी अस्मिता, प्रभुत्व और प्रतिरोध, संपादक — श्री अनुज लुगुन, में 'ग्लोबलवार्मिंग की दुनिया बनाम आदिवासी जीवन अर्थात' मरंगगोड़ा नीलकंठ हुआ' एक अध्याय प्रकाशित, पृष्ठ — ६६-१०४
- 'वंचित संवेदना का साहित्य—भागदो' सम्पादित पुस्तक में एक अध्याय 'उधर के लोगरू दलित ब्राह्मणों की कथा' प्रकाशित, संपादक—विजेंद्र प्रताप सिंह, आकांक्षा प्रकाशन, दिल्ली
- 'वंचित संवेदना का साहित्य—भागतीन' सम्पादित पुस्तक में एक अध्याय 'कोलाज बनाती आदिवासी कविता' प्रकाशित, संपादक—विजेंद्र प्रताप सिंह, आकांक्षा प्रकाशन, दिल्ली, पेज— १२८-१३३
- स्त्री मुक्ति के प्रश्न और समकालीन विमर्श, सम्पादक अल्पना सिंह, ISBN-978-81-86485-32-3 में एक अध्याय 'समकालीन हिंदी आलोचना में स्त्री स्वर' पृष्ठ-77-85
- निरुग्रह (शोध पत्रिका)पृष्ठ-2394-2223, संयुक्तांक दिसंबर—मई २०१५ में समकालीन दलित साहित्य कुछ नए प्रश्न प्रकाशित
- व्यापारी, जिसने अनुभव चुराए फारवर्ड प्रेस साहित्य विशेषांक, २०१५ में आलेख प्रकाशित आइएसएसएन— २३४८-६२८६, पृष्ठ ७८
- अट्हास, व्यंग्य की मासिक पत्रिका, फरवरी २०१६ व्यंग्य विशेषांक में दो व्यंग्य १.व्यंग्य की प्रेरणा पड़ोस में रहती है और 2. दुलाई बाई@एमए. इन हिंदी प्रकाशित

#### पुस्तक समीक्षा

- समीक्षा अपने भी, उपन्यास, बिपिन बिहारी, की समीक्षा दलित दस्तक, दिसंबर २०१५ में प्रकाशित
- स्त्रीकाल, स्त्रीवादी पत्रिका, संपादन संजीव चन्दन, 'स्त्री मुक्ति के प्रश्न', पुस्तक डॉ. अल्पना सिंह पुस्तक समीक्षा प्रकाशित ISSN Number: 2394-093X <http://www.streakal.com>

### Centre for Indian Languages, Urdu

#### Dr. Kafeel Ahmad Naseem

- Article Published, "Urdu ki Pedaish me Hinduon ka Hissa" Sehmani" Abjad" Arariya, June- 2015. (ISSN 2347-4505)



## Publications in Books, Journals, etc.

### School of Law and Governance

#### Dr. S. P. Srivastava

- "Patenting of Higher Life Forms: Justification and Law", Elixir Law 83 (2015) 33124-33128. [ISSN No. 2229-712X]
- "Right to reject the candidates in Election Process of India: Significance of NOTA", Elixir Law 83 (2015) 33120-33123. [ISSN No. 2229-712X]

#### Mr. Ahsan Rashid

- "Cruelty of Islamic Law on Divorce towards Unfortunate Wives: A Reality Check" Published with Remarkings (Social Science Research Journal), Vol-1, Issue 11, April 2015, ISSN No: 2394-0344.
- Right to Speedy Trial: Indian Judiciary and Justice Delivery System" as a co-author is Published with Regal Publications, New Delhi, ISBN: 8184844382, Year- 2015.
- "A Question Mark on the existence of Ninth Schedule of the Constitution of India" is published with VSRD International Journal of Technical & Non-Technical Research, Volume (VI) Issue (III) April 2015, e-ISSN : 0976-7967, p-ISSN : 2319-2216.
- "Right to Post Divorce Maintenance to Muslim Women in India: Changing Paradigm" in process of publication.

### Department of Computer Science

#### Mr. Piyush Kumar Singh

- P. K. Singh, R.S. Singh, K.N. Rai, has published a book chapter entitled 'Wavelets with Application in Image Compression' In : 'Emerging Technologies in Intelligent Applications for Image and Video Processing' in IGI Global, USA.

### Department of Mathematics

#### Dr. Roushan Kumar

- Amit Kumar, and Roushan Kumar, Domain of influence theorem for three phase lag model, J. Thermal Stresses, 38: 744-755, 2015.

#### Dr. Vivek Kumar Jain

- On the Isomorphism Classes of Transversals III, Journal of the Indian Math. Soc. Vol 82, No 3-4 (2015), 83-96

### Department of Statistics

#### Dr. Richa Vatsa

- 'Big Data and Changing Roles of Statistics' (with Prof. Arun Kumar Sinha), Journal of Patna Science College (ISSN: 2347-9604), 3, (171-178), (2015).

### Centre for Political Studies

#### Dr. Sumit Pathak

- "Lok-Prashasan Ke Naye Aayam" (In Hindi) in Sushma Yadav & Balwan Gautam (ed.) Lok-Prashasan Siddhant Evm Vyavahar, New Delhi, Orient Blackswan, July, 2015. pp.127-209. \*(ISBN : 978-81-250-5947-9)
- "1857 ka Vidroh: Karan Evm Parinam" (in Hindi), University of Delhi, Institute of Life Long Learning (ILL), E-Content Online Resource (ISSN 2349-154X), April-2015, www.vle.du.ac.in (ISBN NO. 978-93-85611-40-7)

#### Dr. Pranav Kumar

- Kumar, Pranav & Salma Zafar (2016), "India's Foreign Policy Imperatives in Securing its Sea Lanes of Communication in the Western Pacific," World Focus (Delhi), March 2016, pp. (ISSN:2330-8458).
- Kumar, Pranav (2016), "Oil Geopolitics in West Asia: Emerging Fault Lines," World Focus (Delhi), January 2016, pp.87-92 (ISSN: 2230-8458).
- Kumar, Pranav (2016), "Sino-India Bustle for Securing Hydrocarbons in Africa: Zero Sum or Win-Win?," in N NJha and Sudhir Singh, eds., "Modi's Foreign Policy: Challenges and Opportunities (New Delhi: Pentagon Press, 2016), pp.171-183 (ISBN 978-81-8274-873-6).
- Kumar, Pranav (2015), "Dragons Footprints in Africa: Diplomacy and Dilemmas," in Prashant Kumar Singh, ed., "China Yearbook 2014 (New Delhi: Magnum Book Private Ltd for IDSA, July 2015), pp.187-196 (ISBN 978-93-82512-26-4).

### Centre for Sociological Studies

#### Dr. Anil Kumar Singh Jha

- Jha, AKS: Rethinking Gender Equality (ISBN: 978-81-7910-501-6), Jaipur, Aavishkar Publishers, Distributors, 2015.
- Jha, AKS: Dignity of Tribal Women: Challenges of Change in ed. S. P. Meena "Human Rights of Indian Tribes: Changing Scenario Over Ages" (ISBN: 978-93-82311-74-4), Jodhpur, Royal Publication, 2015 (pp. 21-26).
- Jha, AKS: Human Rights and Plight of Tribal Women in ed. S. P. Meena "Human Rights of Tribes: Problems and Perspectives" (ISBN: 978-81-7132-818-5), Jaipur, Pointer Publishers, 2015 (pp. 116 - 125).

#### Dr. Haresh Narayan Pandey

- Contributed a book chapter on Globalisation and Village Identity in Manvendra Singh, (ed.). Social Development in India, Bharat Book Centre, Lucknow.



## Publications in Books, Journals, etc.

### Dr. Ambrish Gautam

- Gautam, Ambrish "The Hinduisation of Tribals of Jharkhand: An outline since beginning" International Journal of Anthropology, doi-10.4172/2332-0915, February 2016, ISSN-2332-0915

#### Centre for Mass Communication and Media

### Dr. Kinshuk Pathak

- Published an article on - 'New trends and Digital Technology in Newsrooms of Global print media' - Ab patrakaron ke bagair patrakarita ka zamana - Navbharat Times (The Times of India Group), Edit-Page- Delhi, Mumbai and Lucknow Editions, date 16th March, 2016.

#### Centre for Development Studies

### Dr. Samapika Mohapatra

- 'Projection of Women Sports persons in Media : A Nuanced Form or Liberation from Patriarchy', Global excellence in Fitness & Sports Science , Twenty first Century Publication, Vol:-3, Patiala,(Punjab ), -147002 ,2015 in Association with Kalamandir Distributors, Delhi, Chief Editor:- Dr. Rina

#### Centre for Economic Studies and Policies

### Mr. Atish Kumar Dash

- Joe, William, Atish Kumar Dash and Pradeep Agarwal, 2015. Demographic Transition, Savings, and Economic Growth in China and India, IEG Working Paper No. 351. Centre for Political Studies.

### Dr. Tophan Patra

- Patra, T. and J. Manohar Rao., 'Economic Recession and Slowdown of Indian Automobile Industry' (in process of Publication)

#### Department of Physics

### Dr. Susanta Das

- Study of interactions of slow highly charged bismuth ions with Zn On anorods - S. Das, H. Ohashi, N. Nakamura, Transactions of the Indian Institute of Metals (available online)

#### Department of Chemistry

### Dr. Girish Chandra

- Structure-Activity Relationships of Neplanocin A Analogues as S-Adenosylhomocysteine Hydrolase Inhibitors and Their Antiviral and Antitumor Activities. Girish Chandra, Yang Won Moon, Yoonji Lee, Ji Yong Jang, Jayoung Song, Akshata Nayak, Kawon Oh, Varughese A. Mulamootil, Pramod K.

Sahu, Gyudong Kim, Tong-Shin Chang, Minsoo Noh, Sang Kook Lee, Sun Choi, and Lak Shin Jeong. Journal of Medicinal Chemistry, 58 (12), 5108-5120, 2015. Impact Factor: 5.447

#### History

### Dr. Sudhanshu Kumar Jha

- India's Economic Diplomacy with Southeast Asia: Situating in Historical Context in World Focus (New Delhi) ISSN NO. 2330-8458 (accepted and to be published in April, 2016)

## Conferences, Talks, Orientation Courses, etc.

#### Life Science, Centre for Biological Sciences

### Dr. Amrita Srivastava

- Presented a paper entitled "Deciphering the basis of salt tolerance and agricultural utility of Frankia strains isolated from Hippophae salicifolia D. Don" at 56<sup>th</sup> Annual Conference of Association of Microbiologists of India & International Symposium on "Emerging Discoveries in Microbiology" held at J.N.U., New Delhi during December 7 - 10, 2015.
- Delivered an invited talk on "Recombinant DNA Technology" in SS Hospital & Research Institute, Patna on October 16, 2015.

### Dr. Gautam Kumar

- Participated in State level workshop for Youth Civic Engagement on August 12, 2015 on the occasion of International Youth Day organized by Bihar State AIDS Control Society (BSACS).
- Participated in State level workshop for "Training of Trainers on Social Behaviour Change Communication for Life Education among Youth" during December 7 - 9, 2015 at Hotel Chanakya, Patna.
- Gautam Kumar, Sahana Basu, Anumeha (2016) given invited talk on the topic, 'Arsenic uptake and accumulation in rice (Oryza sativa L.): Its effect on different rice genotypes of Eastern India' in National Conference on "Rural Livelihood Security through Innovative Agri-entrepreneurship (RLSIAe)" during March 12-13, 2016 in Patna.

#### Poster Presentations

- Sunny Kumari, S.K. Dwivedi, Santosh Kumar, Ved Prakash, A.K. Singh and Gautam Kumar (2016): Effect of sowing windows on plant growth, physiology and yield of wheat genotypes in Eastern indo gangatic plain in National Conference on "Rural Livelihood Security through Innovative Agri-entrepreneurship (RLSIAe)" March 12 - 13, 2016 in Patna.



## Conferences, Talks, Orientation Courses etc.

- Sahana Basu, Shekhar Suman, Prem Prakash Singh, Sharad Kumar Dwivedi, Santosh Kumar, Anil Kumar Singh, Gautam Kumar (2016): Impact of terminal temperature on selected wheat genotypes of Eastern India, in National Conference on "Rural Livelihood Security through Innovative Agri-entrepreneurship (RLSIAe)" March 12 - 13, 2016 in Patna (1<sup>st</sup> Poster Award)
- Ruchika Giri, Sahana Basu, Ranjan Kumar Giri, Ibtesham Benazir, Sharad Kumar Dwivedi, Santosh Kumar, Gautam Kumar (2016): Comprehensive physiological analysis and ROS profiling in selected rice genotypes under salinity stress in National Conference on "Rural Livelihood Security through Innovative Agri-entrepreneurship (RLSIAe)" during March 12-13, 2016 in Patna.

### Dr. Tara Kashav

#### Poster Presentations

- Anni K, Monalisa, Sonatan S, Tara K. Poster entitled "Structural Analysis of Missense Mutation in C-terminal Domain of Human IRF6 Causing VWS and PPS" at International Conference on Human Implications of Biotechnology" during February 12-14, 2016 in Patna.
- Ratnisha, Fauzia P, Tarannum P, Tara K. Poster entitled "Structural Analysis of Missense Mutation in N-Terminal Domain of Human IRF6 Causing VWS and PPS" at International Conference on Human Implications of Biotechnology" during February 12-14, 2016 in Patna.

#### Centre for Foreign Languages, English

### Dr. Prabhat Kumar Singh

- Plenary Lecture and Chairperson of a session at the National Seminar on "From the Printed Text to the Screen Play: Reconfiguring Literature and Cinema", the Researchers' Association of Orissa, Cuttack, 20 December, 2015.

### Dr. Arpana Jha

#### Paper presentations

- 'Translation Exactitude in Subtitling for Films', International Conference on Evolving Facets of Translation: Comparative Perspectives, Adaptation and Popular Culture, in association with RASE, Central University of Rajasthan, 23-24 November, 2015.
- 'Role of Needs Analysis in Designing English Language Curriculum for Architecture Undergraduates', National Conference on Sustainability, and Development: Implications of ELT for Individual, Society and Ecology (SDIELT), Indian Institute of Technology, Patna, April 3-4, 2015.

### Dr. Saroj Kumar

- Presented a paper entitled "An Evaluative Study of the English Syllabi of North Indian Professional Educational Institutions" in a national conference 'English Language Teaching in the Present Context' organized by Department of English and Foreign Languages SRM University, NCR Campus Modinagar Ghaziabad, UP during September 18-19, 2015 .

#### Centre for Indian Languages, Hindi

### डॉ. कर्मानन्द आर्य

- काशी हिन्दू विश्व विद्यालय के सौ वर्ष पूर्ण होने पर हिंदी विभाग द्वारा आयोजित कार्यक्रम में 'युवा कवि संगन २०१६' में कविता पाठ के लिए आमंत्रित।
- द्वि-दिवसीय अन्तरराष्ट्रीय संगोष्ठी, २८-२९ मार्च १६ को मुंबई विश्वविद्यालय, मुंबई द्वारा 'डॉ. आंबेडकर की विचारधारा और वैश्विक साहित्य' विषय पर एक सत्र का विषय प्रवर्तन किया।

### श्री शांति भूषण

- यू.जी.सी. संपोषित एवं सेंटर फॉर स्टडी ऑफ सोशल एक्सक्लूजन एंड इक्विटी पालिसी, पटना यूनिवर्सिटी द्वारा १६-१७ मई २०१५ को आयोजित संगोष्ठी में "हासिये की वैचारिकी और ग्राम्सी" विषय पर आलेख प्रस्तुति।
- यू.जी.सी. संपोषित एवं रामेश्वरदस पन्नालाल महिला महाविद्यालय, पटना सिटी द्वारा २२ सितम्बर २०१५ को आयोजित 'साहित्य में वृद्ध विमर्श' विषयक राष्ट्रीय संगोष्ठी में तत्संबंधी आलेख प्रस्तुति।

### रिफ्रेशरकोर्स

- यू.जी.सी. एकेडेमिक स्टाफ कॉलेज, लखनऊ यूनिवर्सिटी द्वारा ०१ से २२ जनवरी २०१६ तक आयोजित रिफ्रेशरकोर्स (हिन्दी) में सहभागिता।

#### Centre for Indian Languages, Urdu

### Dr. Kafeel Ahmad Naseem

- Presented a research paper on the topic "Jamil Mazhari ki Jadeed Marsiya Nigari" and participated in two days National Seminar during February 13-14, 2016 organized by Mirza Ghalib College Gaya.

### Research Guidance

- Supervised 17 students to complete M. Phil. Urdu Dissertations at Bhagwant University, Ajmer (Rajasthan) in March-2016.

### UGC Project

- Worked on UGC Project for PG Classes Course Work on the topic "Criticism of Urdu Marsia". There were 13 lessons, each lesson was carrying 15 pages or four thousand words. Completed the project in November 2015.

#### School of Law and Governance

### Dr. S. P. Srivastava

- Acted as a Resource Person in the UGC Sponsored 2nd Refresher Course in Law at Patna University, Patna on March 09, 2016.
- Acted as a Resource Person in the Short Term Course in Research Methodology for Research Scholars sponsored by the UGC- Human Resource Development Centre, Patna on February 6, 2016.

## Conferences, Talks, Orientation Courses etc.

### Department of Computer Science

#### Mrs. Smita Ray

- Paper accepted in ICTCS, March 4-5, 2016, Udaipur (Rajasthan), India, Proceedings by ACM ICPS - 978-1-4503-3962-9. Paper will be published in ACM - International Conference Proceedings Series (ICPS) and will be available in ACM Digital Library.
- Attended an Orientation Program at the University of Burdwan, West Bengal during January 5 - February 1, 2016.

#### Mr. Piyush Kumar Singh

- P.K.Singh, R.S.Singh, K.N.Rai., An Image Encryption Algorithm based on XOR Operation with Approximation Component in Wavelet Transform, 5th National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics (NCVPRIPG-2015) organized at IIT-Patna in association with the Indian Unit of Pattern Association and Artificial Intelligence (IUPRAI), December 2015.

### Department of Mathematics

#### Dr. Vivek Kumar Jain

- Participated in a Refresher Course in Mathematics during March 18 - April 07, 2015 organized by Academic Staff College, Panjab University.

#### Dr. Roushan Kumar

- Participated in a Refresher course in Mathematical Science, CPDHE, University of Delhi during November 26 - December 16, 2015.

#### Dr. Shubh Narayan Singh

- Shubh Narayan Singh and K. V. Krishna, The Holonomy Decomposition on some Circular Semi-Flower Automata, International Conference on Semigroups, Algebras and Applications (ICSAA 2015), Kochi, India, September 17-19, 2015.
- Shubh Narayan Singh and K. V. Krishna, L-Primitive words in Submonoids of a Free Monoid, International Conference on Recent Advances in Mathematics, Statistics and Computer Science (ICRAMSCS 2015), Patna, India, May 29-31, 2015.

#### Dr. Pankaj Mishra

- Participated in the International Conference on Recent Advances in Mathematics, Statistics and Computer Science, held during May 29-31, 2015.

### Department of Statistics

#### Prof. Arun Kumar Sinha

- Participated in the 60th World Statistics Congress (WSC) of the International Statistical Institute (ISI) at Rio Centre, Rio de Janeiro, Brazil during July 26-31, 2015. Presented his invited paper entitled "Ranked set sampling: as a cost-effective and more efficient data collection method" at a Special Topic Session (STS) of the conference.

#### Dr. Richa Vatsa

- Rai, Markandey, Vatsa, Richa and Sinha, Arun Kumar. 'Statistics, big data and a better world', an invited talk, at International Conference on Official Statistics, 'Better Data, Better Lives', International Association for Official Statistics (IAOS), International Statistical Institute at Ramallah, Palestine, October 19-22, 2015. (Presented By Markandey Rai)
- Delivered an Invited Lecture on Basic Statistics in a special training programme at BIPARD, Patna on 18th March 2016.

#### Dr. Mukesh Kumar

- Presented a paper entitled "Poverty Analysis Using Scan Statistic Methods" (with A. K. Sinha) in "International Conference on Recent Advances in Mathematics Statistics and Computer Science" at Central University of South Bihar, Patna during May 29-31, 2015.
- Presented a paper entitled: A Family of Some Ratio and Product Type Estimators Using Known Value of Population Parameters (with Malik, S., Singh, R) in "National Seminar on Use of Statistics in Industry and Corporate World (NSSICW 2015)", at Department of Statistics, Banaras Hindu University, Varanasi during October 25-26, 2015.
- Participated in "Refresher Course in Mathematical Sciences" conducted by the Centre for Professional Development in Higher Education (CPDHE), UGC-HRDC, University of Delhi, from 26th November 2015 to 16th December 2015.

#### Publication in Conference Proceeding

- Sinha, A.K. and Kumar, M. (2015): Poverty Analysis Using Scan Statistic Methods, ICRAMSCS-2015 proceedings in world scientific publishing house, Singapore. (Accepted)

### Centre for Mass Communication and Media

#### Dr. Kinshuk Pathak

- Presented a paper entitled "Hindi Sahityakaron ka Patrakarita ke kshetra me Avdan" in the National seminar "Sahitya Aur Patrakarita ke Naye Ayam" organized by Uttar Pradesh Hindi Sansthan, Lucknow and Mahabodhi Vidya Parishad, Sarnath, Varanasi during July 23-24, 2015.
- Participated in a Multisession seminar on the topic "Patrikarita ke Samajik Prashno Par Sangoshti" on 6th December, 2015 at Purnea (Bihar) as a subject specialist speaker.
- Participated in a four Day Regional Conclave on Capacity Strengthening of Academia, Professional and Government in the area of SBC, Communication for empowering adolescents in Assam and North-East India, 2015 as a National Resource Person organized by UNICEF and Gauhati University, Guwahati during November 21-24, 2015.
- Participated in Orientation Course for University Teachers, organized by UGC-HRD Centre of BHU, Varanasi during January 02-29, 2016.



## Conferences, Talks, Orientation Courses etc.

- Participated in a National Seminar entitled "Samkalin Patrakarita ki Pravritti Evam Bharat" organized by Ch. Charan Singh Vishwavidyalaya, Meerut (U.P.). Presented a paper, entitled "The Existence and Future of Print Media" on 15th March, 2016.

### Centre for Development Studies

#### Dr. Anju Helen Bara

- Presented a paper titled "Social Exclusion and Inequality: Land Grabbing and Dispossession among tribals in India" in the 8th South-South Institute Workshop, Durban, South Africa during September 10-19, 2015.
- Participated in World Social Science Forum, ICC, Durban, South Africa during September 13-16, 2015.

#### Dr. Ahammedul Kabeer AP

- Presented a paper in a National Conference "Education and Public Sphere: Exploring the Structures of Mediation in Post-Colonial India", organized by Zakir Husain Centre for Educational Studies, JNU during March 17-18, 2016.

### Centre for Economic Studies and Policies

#### Mr. Atish Kumar Dash

- Attended UGC sponsored Orientation Course organized by Human Resource Development Centre, Sambalpur University, Odisha during July 10 – August 6, 2015.
- Delivered eight sessions on 'Using SPSS for Data Analysis' as part of Pre-PhD Course at Department of Business Administration, Gaya College, Gaya in September 2015.

#### Dr. Tophan Patra

- Patra, T. and J. Manohar Rao., Paper accepted for presentation on 'Economic Recession and Slowdown of Indian Automobile Industry' 19<sup>th</sup> Annual Conference organised by Indian Political Economic Association (IPEA) and Goa University during December 4-5, 2015.
- Attended the International Conference on 'Development and Growth: Experience and Theories' Asian Development Research Institute (ADRI), Patna during March 26-30, 2016.

### Centre for Political Studies

#### Dr. S. N. Singh

- Delivered a talk on "Qualitative and Quantitative data Analysis" at Giri Institute of Development Studies, Lucknow on March 25, 2016.
- Invited as resource person to deliver lecture for the probationers' training programme of the Revenue and Research Training Institute, Ajmer during March 21-22, 2016.
- Participated as a Resource Person in the Plenary Session of conference organised by Department of Political Science, CH.

Charan Singh University, Meerut during February 13-14 2016.

- Attended the seminar on the topic "Modi Government's Policy towards Neighbours: Continuity and Change" organised at UGC Center for Southern Asia Studies School of Social Sciences and International Studies Pondicherry (Central) University, Puducherry on February 08, 2016.

#### Dr. Sumit Pathak

- Presented a paper entitled "Human Rights or Human Wrongs: A Critical Analysis of Indian Perspective" and also Chaired a Session on the occasion of the National Seminar on "Contemporary Issues in Human Rights: The Indian Scenario" organised by the D.P.B.S. (PG) College, Anoopshahr, Bulandshahr (UP) during March 03-04, 2016.
- Presented a paper entitled "The Changing Contours of Indian Politics: Need for Electoral Reforms" and also co-chaired a Session on the occasion of UGC Sponsored National Seminar on "The Changing Idiom of Indian Politics and Electoral Reforms" organized by Department of Political Science G.M.R.D. College, Mohanpur, Samastipur (Bihar) during February 06-07, 2016.
- Presented a paper entitled "A Quest for Cultural and Spiritual Foundations of Bharat as a RASHTRA" on the occasion of the National Seminar on "Culture, Identity and Diplomacy: Revisiting Concept of an Inclusive BHARAT RASHTRA" organized by the UGC Centre for Southern Asia Studies, Pondicherry University, Puducherry during November 26-27, 2015.
- Presented a paper entitled "Globalization and Gender Violence: Continuity or Change?" on the occasion of National Seminar on "Gender Violence In India: Emerging Perspectives And Issues" organized by the Department of Sociology, Government Girls P.G. College, Fatehpur, Uttar Pradesh during September 20-21, 2015.

#### Dr. Abhay Kumar

- Presented a paper entitled, "Emerging Trends in India-Japan Relation", in a seminar "Re-Conceptualising Indian Foreign Policy: Emerging Challenges and Opportunities" organised by Department of Political Science, Banaras Hindu University, Varanasi during April 30 - May 01, 2015.

#### Dr. Pranav Kumar

- Presented a paper entitled, "Multilateralism-Plurilateralism Dichotomy and the WTO's Power Asymmetry: The Doha Round and Indo-Africa Cooperation" at the International Conference on Multilateral Cooperation: Emerging Global Scenario organized by UGC Centre for Southeast Asian and Pacific Studies, Sri Venkateswara University, Tirupati, Andhra

## Conferences, Talks, Orientation Courses etc.

Pradesh during February 22- 24, 2016.

- Coordinated a Special lecture delivered by Prof. S. N. Malakar, SIS, Jawaharlal Nehru University, on Emerging Trends in International Politics on February 08, 2016.
- Invited as a Panelist for a one-day Bihar state level Conference on "Antar-rajyeeey Pravsee Majdoodoor: Samasyayon ke Samdhan kee Disha" organized by Roja Luxemburg Foundation and Society for Labour and Development at Bihar Industrial Association Hall, Patna on June 28, 2015.
- Invited as a Panelist for a round table discussion on "Jantantra Ka Jayja" organized by Rajkamal Prakashan to commemorate publication of 53-54th issue of Alochana Magazine at Bihar Industrial Association Hall, Patna on June 27, 2015.

### Centre for Sociological Studies

#### Dr. Anil Kumar Singh Jha

- Presented a paper entitled "Role of Women in National Integration" in a national conference on "National Integration in India: Issues and Challenges" organised by SBS Govt. PG College, Rudrapur during December 06- 07, 2015 (Proceedings published- ISBN: 978-93-85437-04-5, pp. 96-100).

#### Dr. Haresh Narayan Pandey

- Delivered an invited talk on the topic "Gender and Development: The Traditional and Modern Knowledge and

Practice" in the national conference on topic-"Traditional Knowledge and Health Seeking Practices in Mountain Region", organised by Department of Sociology, School of Social Sciences, Uttarakhand Open University, Haldwani (Nainital) during March 4 -5, 2016. Also chaired a technical session on the topic "Traditional Knowledge and Health Seeking Practices in Mountain Region" in the same conference.

- A paper entitled "Globalisation and Indian Village" was orally presented in absentia during 2nd International Conference on the topic "Peace, Reconciliation and Development Challenges", organised by the Faculty Humanities and Social Sciences, University of Ruhuna, Matara, Sri Lanka during March 24-25, 2016.

#### Dr. Ambrish Gautam

- Presented a paper entitled "Chhotanagpur : A Nomenclature in contradiction" in a national seminar on the topic "International day of world indigenous people in 21st century" held Dept. of Welfare, Govt. of Jharkhand in collaboration with Centre for indigenous culture studies, Central University of Jharkhand, Ranchi on August 7, 2015.
- Presented a paper entitled "Challenges of Globalisation in Higher Education in India: A blight or blessing" in a national seminar on the topic "Quality assurance in Higher Education: Challenges & Opportunities" held in Surat Pandey Degree College, Garhwal on February 10, 2016.

## Projects / Research Grants

Name of PI / Co-PI	Project Title	Sponsor	Status
Dr. Gautam Kumar, Life Science, Centre for Biological Sciences	Comprehensive study on drought tolerance mechanism in rice cultivars of Eastern India with a focus on primary level of stress perception	SERB-DST, New Delhi	Ongoing
	Genetic Improvement of Makhana ( <i>Euryale ferox</i> Salisbury) through Gamma Radiation	DAE-BRNS, Mumbai	Ongoing
	Impact of salinity on plant physiology and ionic variations in different cultivars of Rice in Eastern India	UGC –Start-up grant	Completed
Dr. N. L.Devi, Centre for Environmental Sciences	Heavy metal contamination of urban soil along road side in Patna city: Assessment of potential Human health risk	UGC	Ongoing



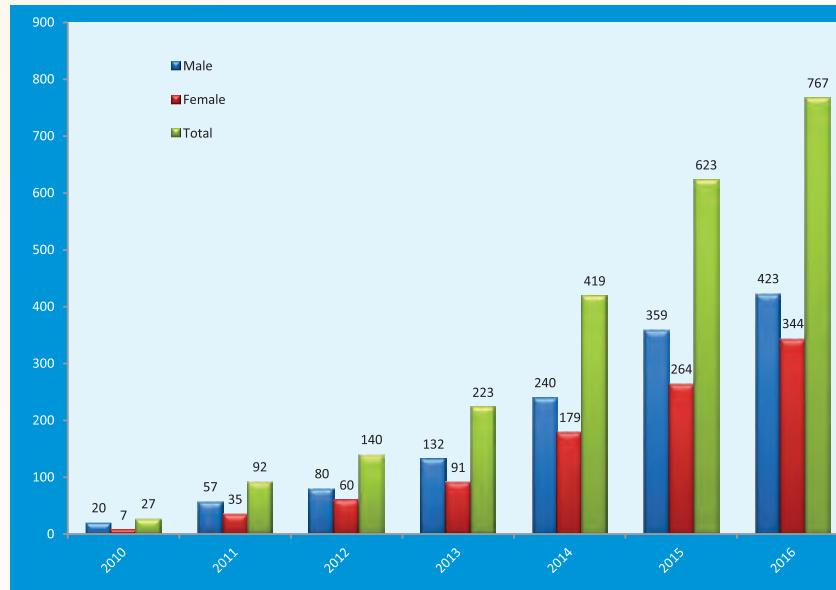
## Placement of Students/ Fellowships

Job Placements - 2015			
S. No	Name of Student	Course	Organisation
1	Mr. Sachindra M. Mishra	M.Sc Mathematics	Azim Premji Foundation
2	Mr. Asit Assam	M.Sc Mathematics	Azim Premji Foundation
3	Mr. Abhishek Kumar	MA English	Azim Premji Foundation
4	Mr. Hari Om Kumar	MA Mass Communication	Care India (NGO)
5	Mr. Saket Mani	MA Mass Communication	Care India (NGO)
6	Mr. Vivek Raj Aryan	MA Mass Communication	Care India (NGO)
7	Mr. Steve Kurtis	MA Development Studies	Care India (NGO)
8	Mr. Pradeep Kumar	MA Development Studies	Care India (NGO)
9	Mr. Anand Kashyap	MA Development Studies	Care India (NGO)
10	Mr. Gunjan Kumar	MA Development Studies	Care India (NGO)
11	Ms. Priya Suman	M.Sc Environmental Science	Carbon Check (India)
Fellowships - SRF / JRF / NET - 2015			
S. No	Name of Student	Course	Name of Fellowships
1	Ms. Shikha Agarwal	MPhil-PhD Computer Science	CSIR - Senior Research Fellowship (SRF)
2	Ms. Anumeha	M.Sc Life Science	GATE & JRF, also selected for PhD Programme in Indian Institute of Science (IISc) Bangalore
3	Mr. Jayavardhan Kumar	M.Sc Life Science	GATE
4	Ms. Riddhi Prabha	M.Sc Life Science	GATE
5	Mr. Soumyajyoti Ghosal	M.Sc Life Science	UGC-NET
6	Mr. Paramjeet Prabhakar	M.Sc Biotechnology	GATE
7	Mr. Pritam Kumar	M.Sc Biotechnology	GATE
8	Ms. Shikha	M.Sc Biotechnology	GATE
9	Ms. Vandana Kumari	M.Sc Biotechnology	GATE & UGC-NET
10	Ms. Phushpa Kumari	M.Sc Biotechnology	GATE
11	Mohd Shahbaz Iqbal	M.Sc Bioinformatics	UGC-NET
12	Ms. Ambika Kumari	MA Hindi	UGC-NET
13	Mr. Aftab Alam	M.Sc Environmental Science	UGC-NET
14	Mr. Amrendra Kumar	M.Sc Environmental Science	UGC-NET
15	Mr. Shardendu	M.Sc Environmental Science	UGC-NET
16	Mr. Ramesh Yadav	M.Sc Environmental Science	UGC-NET
17	Mr. Om Kumar	M.Sc Environmental Science	UGC-NET

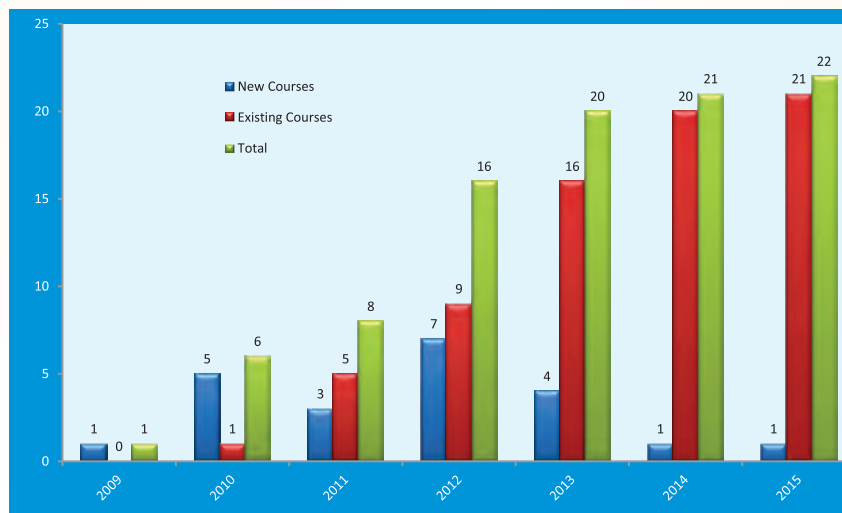


# Growth of CUSB during 2009-16

## Enrolled Students Year Wise (2010-2016)



## Courses / Programmes growth Year Wise (2010-2016)

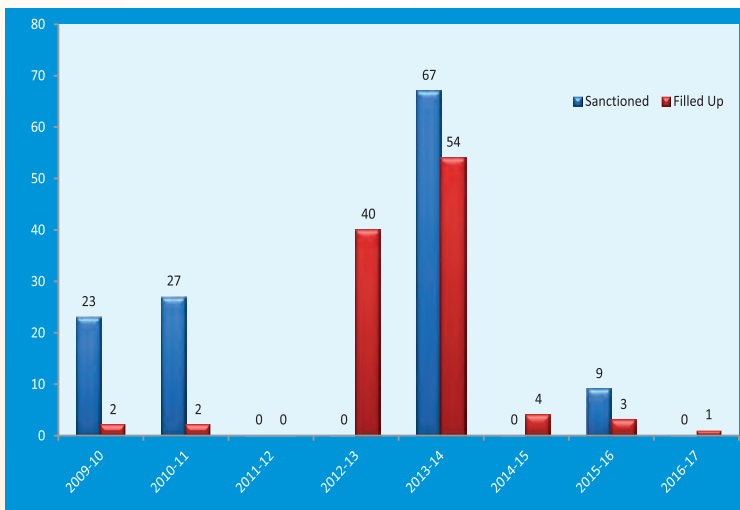
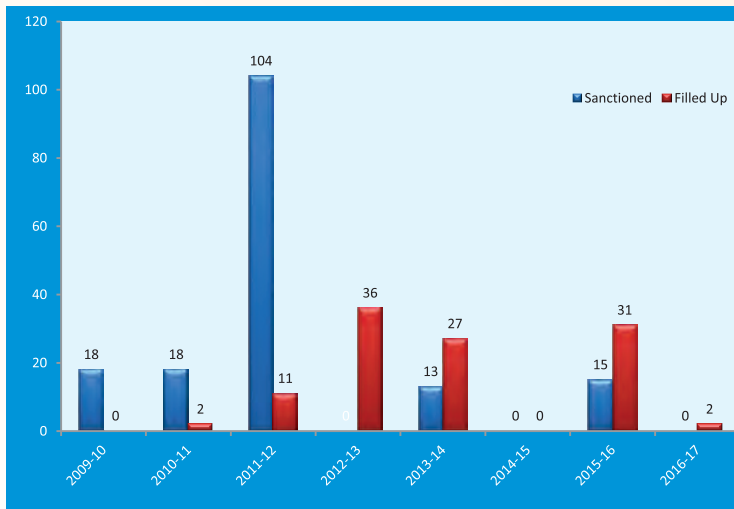


Academic Year	Name of Courses / Programmes launched
2009 - 2011	MA Development Studies
2010 - 2012	MSc Biotechnology, MSc Computer Science, MSc Environmental Science, MSc Mathematics, MSc Statistics
2011 - 2013	MSc Bioinformatics, MA Communication & Media, MA Psychology
2012 - 2014	M.Tech Computer Science, MSc Life Science, MA Economics, MA Political Science & International Relations, MA Sociology, MA English, MA Hindi
2013 - 2015	Five Year Integrated BA.LLB (Hons) & BSc.LLB (Hons), Four Year Integrated BA.BEd & BSc.BEd
2014 - 2016	Integrated MPhil-Ph.D
2015 - 2017	B.Voc (Arts & Crafts)



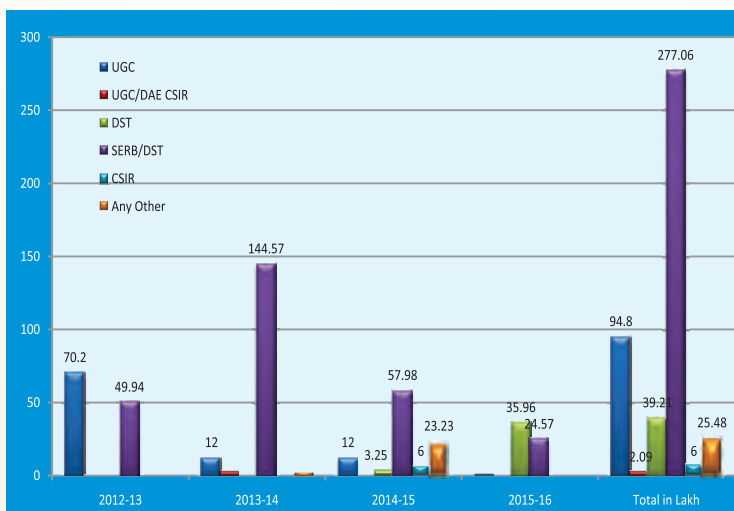
# Growth of CUSB during 2009-16

## Teaching Positions: Sanctioned vs Filled Yearwise (2009-16)



## Non-Teaching Positions: Sanctioned vs Filled Yearwise (2009-16)

## Funds Received from Various Bodies / Agencies (2012-15)



# सीयूएसबी अगले साल तक गहरा कैम्पस

पूर्व लोकसभा सीकर सह कुलाधिपति गीरा कुमार की अध्यक्षता में हुई मीटिंग में लिया गया निर्णय... कोर्ट मीटिंग... हिन्दुस्तान टाइम्स... 04.12.2015

# जीवनेशैली में गणित के प्रभाव को बताया

सीयूएसबी में इंटरनेशनल कॉन्फ्रेंस... प्रभात खबर... 04.12.2015

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प्रधानमंत्री सोमप्रदाय पुरस्कार... प्रभात खबर... 04.12.2015

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सीयूएसबी में वार्षिक खेल महोत्सव... प्रभात खबर... 04.12.2015

# 8 CUSB students get summer internship

एन एंड एटिश कुमार... प्रभात खबर... 04.12.2015

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# श्रुल यूनिवर्सिटी का कैम्पस

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# श्रुल यूनिवर्सिटी का कैम्पस

पटना, सोमवार, 17 अगस्त, 2015... प्रभात खबर... 17.08.2015



## Construction work of CUSB under progress at Panchanpur, Gaya



# CENTRAL UNIVERSITY OF SOUTH BIHAR

**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)

Readers' feedback/suggestions are invited at : [✉ pro@cub.ac.in](mailto:pro@cub.ac.in) ☎ 0612-2784102