



CUB Times, 2012-13

Newsletter, Central University of Bihar

Issue 1

30th June, 2013

Editorial

A chronicling of the year gone by, this issue of *CUB Times* purports to update stakeholders of Central University of Bihar on the previous session's academic as well as co-curricular developments, from July 2012 – June 2013. *It is a culling out of the full year's major scholastic achievements, co-curricular events and a broad-spectrum snapshot of the University's* campus news. As we start afresh and put our best foot forward, let us also acknowledge with due humility that unforeseen circumstances led to a longer than intended gestational interlude of over a year in the publication of *CUB Times*. It is regrettable that from October 2010 till May 2012 there was a void in communication from our end.

Revival and revitalization, however, are the very cornerstones of transformational talk. Hence we are back, with greater strength of purpose, passion, people focus and a commitment to foster new partnerships.

Christened *CUB Times*, this issue onwards, the newsletter seeks to reinvent its identity and self-consciously evolve into a vibrant voice capturing CUB's activity in the arena of Teaching, Training and Outreach Programmes. It is with great pleasure indeed that we present to you the ensuing issue of *CUB Times*. We do hope you will enjoy what we have to offer and provide useful feedback for further improvement. Let us be guided by the Japanese value of Kaizen, integrating it into our evolving ethos to deliver world-class and manage to mission.

Consequently *CUB Times* aims to meld and weave together the diverse strands of valued faculty, energetic students, diligent staff and the neighbourhood community into a rich narrative tapestry of enterprise working to attain holistic human development as also distinction in our lives through the pursuit of meaningful, quality education.

Last but not the least we would like to acknowledge the new avatar of *CUB Times* owes its genesis to the assiduous hard work, cherished contribution and continuous feedback from students, faculty members and staff of CUB. We promise our next offering to readers shall be more enhanced.

Editorial Panel

Dr. Abhay Kumar, Editor

Mrs. Archana Jha, Consultant Editor

Dr. Jawaid Ahsan, Member

Dr. Kinshuk Pathak, Member

Dr. Yogesh Pratap Shekhar, Member



Foreword: From the Vice Chancellor's Desk



Vice Chancellor
Prof. Janak Pandey

Central University Bihar aims to be at the vanguard of quality education, knowledge advancement and thought leadership. It is making a valiant attempt to communicate with all stakeholders from a diverse range of backgrounds in the state, the country and the world at large. We hope that this issue of *CUB Times* ignites discussion about our onward march in search of excellence. The purpose of *CUB Times* is to function as a vehicle to facilitate communication with the world beyond CUB's campus. It will afford a unique platform for spreading of awareness among different stakeholders of CUB comprising knowledge connoisseurs, community leaders, industry researchers, faculty and students. A platform such as *CUB Times* creates space for interactive discussion and an expansion of intellectual vistas. Fostering a culture of novel thinking and integrating new ideas into an evolving system helps to build an identity fairly self-consciously. *CUB Times* is paving a way to nurture informal and intimate conversation, enable partnership, and usher in change as also to foster a culture of global learning.

We would also like to dwell on the fact that within a short span of its existence, CUB has thrust focus on excellence in the domain of higher education in Bihar. A benighted state, Bihar continues to enjoy the dubious distinction of a bullish double-digit GDP post decades of sluggish slothfulness, despite having had a rich cultural and academic past. What is more astonishing is that this brilliant land of Buddhist enlightenment, despite its stature as an ancient seat of international learning, despite even the national level repute of its educational institutions till a few decades ago, despite its lush locale in the fertile Indo-Gangetic plains, despite its rich natural endowment of resources besides its past history of struggle for socio-economic change and development, lags behind in the agricultural sector and on even other indicators of human development index. A tardy development story needs research-driven framing of socio-economic policy and critical community solutions.

Against this dramatic backdrop, quality higher education has to be resurrected and the role of CUB is challenging indeed. As CUB strives towards the mantra of excellence it commits itself to the overall, holistic growth and edifying development of the youth in the state. We also believe that our universities and particularly CUB have to engage in research which influences agriculture, industries, energy, governance and polity positively. We define our direction as moving unerringly towards the achievement of national goals in the field of higher education but with a human inter-face. We believe ultimately holistic education is humane, teaching us how to live such that inclusive growth of fresh talent from rural as well as far-flung segments in society becomes the prime agenda in teaching-learning paradigms.

- Prof. Janak Pandey

In-House - CUB Focus on New Academic Programmes and Admissions in 2012-13

In the Academic Session 2012-13, Central University of Bihar has added seven new Programmes to the existing nine, creating altogether sixteen Masters Programmes listed below.

1. M.A. (Economics)*
2. M.A. (English)*
3. M.A. (Hindi)*
4. M.A. (Sociology)*
5. M. A. (Political Science & International Relations)*
6. M.A. (Development Studies)
7. M.A. (Psychology)
8. M.A.(Communication & Media Studies)
9. M.Sc. (Computer Science)
10. M. Tech (Computer Science)*
11. M.Sc. (Mathematics)
12. M.Sc. (Environmental Science)
13. M.Sc. (Life Science)*
14. M.Sc. (Biotechnology)
15. M.Sc. (Statistics)
16. M.Sc. (Bioinformatics)

***New Masters Programmes offered from Academic Year 2012-13.**

CUB's Examination Blues: Central Universities Common Entrance Test (CUCET)

Central Universities' Common Entrance Test (CUCET) was conducted for candidates aspiring to admission to various UG, PG, M.Phil. and PhD Programmes for seven Central Universities namely Jharkhand, Jammu and Kashmir, Kerala, Rajasthan and Tamil Nadu including Central University of Bihar. CUCET was conducted on 3rd, 9th and 10th June, 2012 through off line and online modes.

Central Universities Common Entrance Test has been designed to provide a unique opportunity to students to take advantage of one common entrance test and choose the option of Higher Education at all the participating Central Universities for their own choice of programme. Complete information about the courses, eligibility and other aspects of the Central University of Bihar was made accessible to all students at www.cub.ac.in in the official website of CUCET. Candidates had option to submit their application in both online/offline modes.

After completion of CUCET 2012-13, with the declaration of results, Central University of Bihar released a list of selected candidates for Counselling and admission to various programmes. The Merit List was declared and selected candidates were admitted subsequently.

Orientation Programme

The orientation-cum-induction day for the newly admitted students in the Academic Session 2012-13 was organized on 16th August, 2012 in BIT Auditorium. At the outset Prof. M. Nehal, the Registrar heartily welcomed all newly inducted students along with parents/guardians and other distinguished guests. He further highlighted the course curriculum being offered by the University.



Newly admitted students participating in the Orientation-Cum-Induction Programme in the Central University of Bihar

The Vice-Chancellor Prof. Janak Pandey while welcoming all the students briefed them about the University and the facilities being offered to them. He further motivated the students to grow into brand ambassadors of the University. The Vice-Chancellor also greeted the parents and others for their participation. The Vice-Chancellor administered oath to the new students to abide by the Rules and Regulations of the University and respect general discipline in campus.

Independence Day Celebration

Independence Day (15 August, 2012) was celebrated with zeal and fanfare at the University's Residence Hall, Buddha Colony, Patna. Students, Faculty Members, Administrative staff, their families and other dignitaries were present in the celebration. The



The Vice-Chancellor addressing on occasion of Independence Day Celebrations.

Hon'ble Vice-Chancellor Prof. Janak Pandey was felicitated with the Guard of Honour by the students followed by the flag hoisting by the Vice-Chancellor. Individual performance, group performance and other cultural programmes on patriotism were presented by students on this occasion.

चतुर्थ स्थापना दिवस समारोह

बिहार केन्द्रीय विश्वविद्यालय का चतुर्थ स्थापना दिवस समारोह 01 सितम्बर, 2012 को बी० आई० टी०, पटना के प्रेक्षागृह में अप्राह्न में आयोजित किया गया ।

महात्मा गाँधी अन्तर्राष्ट्रीय हिन्दी विश्वविद्यालय, वर्धा के कुलाधिपति एवं विख्यात समालोचक प्रो० नामवर सिंह समारोह के मुख्य अतिथि थे ।

इस सुअवसर पर प्रख्यात वायलिन वादक एवं संगीतज्ञ प्रो० आर० पी० शास्त्री, पूर्व विभागाध्यक्ष, संगीत एवं मंच कला संकाय, काशी हिन्दू विश्वविद्यालय विशिष्ट अतिथि के रूप में सम्मिलित हुए तथा उन्होंने अपने विभाग के शोधार्थियों के साथ संगीत कार्यक्रम प्रस्तुत किया ।

विश्वविद्यालय के चतुर्थ स्थापना दिवस समारोह में अतिथियों का स्वागत संबोधन माननीय कुलसचिव प्रो० मो० नेहाल ने किया । .

पाठ्यक्रमों, छात्रवृत्तियों एवं अन्य सुविधाओं के बारे में भी अवगत कराया ।

उन्होंने इस अवसर पर विश्वविद्यालय की कुलाधिपति श्रीमती मीरा कुमार (अध्यक्ष, लोकसभा) का संदेश भी पढ़ा । अपने संदेश में श्रीमती मीरा कुमार ने विश्वविद्यालय की स्थापना के उद्देश्य के साथ-साथ बिहार केन्द्रीय विश्वविद्यालय के उच्च गुणवत्ता सम्पन्न विश्वस्तरीय शिक्षा, अध्ययन और अनुशीलन के लक्ष्यों की सराहना की । उन्होंने कामना की कि यह विश्वविद्यालय प्राचीन और अधुनातन सभी विधाओं के अध्ययन-अनुसंधान सम्बन्धी प्रभागों और उनके विशेषज्ञ प्राध्यापकों से सुसज्जित हो तथा बिहार वासियों के जीवन को कला, वाणिज्य, विज्ञान और आधुनिक प्रौद्योगिकी की ज्ञान-सम्पदा से आलोकित करे ।

प्रो० नामवर सिंह ने समारोह को संबोधित करते हुए विश्वविद्यालय की स्थापना के उद्देश्य पर अपने विचार व्यक्त किये । उन्होंने वर्तमान में विश्वविद्यालयों में विभिन्न विषयों के बीच कठोर प्रकोष्ठीकरण को दूर करने की आवश्यकता पर बल दिया, जिससे ज्ञान-विज्ञान और वैचारिकी के चहुँमुखी विकास का मार्ग प्रशस्त हो ।

इस अवसर पर प्रो० आर० पी० शास्त्री ने विश्वविद्यालयों में संगीत एवं नाट्य विभाग की स्थापना की आवश्यकता पर बल दिया ।



स्थापना दिवस समारोह के शुभावसर पर प्रो० नामवर सिंह तथा प्रो० आर० पी० शास्त्री सह कुलपति एवं कुलसचिव

उन्होंने इस अवसर पर विश्वविद्यालय के स्थापना वर्ष 2009 से वर्तमान तक के शैक्षणिक सफर का रेखांकन तथा 12वीं पंचवर्षीय योजना के अन्तर्गत विश्वविद्यालय की वर्तमान एवं भावी परियोजनाओं का संक्षिप्त ब्यौरा प्रस्तुत किया ।

अपने अध्यक्षीय भाषण में कुलपति प्रो० जनक पाण्डेय ने विश्वविद्यालय की परिकल्पना, उद्देश्य एवं लक्ष्य पर प्रकाश डाला । उन्होंने विश्वविद्यालय के विभिन्न शैक्षणिक

हिन्दी दिवस समारोह

हिन्दी दिवस के अवसर पर 14 सितंबर, 2012 को बिहार केन्द्रीय विश्वविद्यालय के सेमिनार हॉल में हिन्दी दिवस समारोह आयोजित किया गया । कार्यक्रम में मुख्य अतिथि के तौर पर हिन्दी के वरिष्ठ कवि तथा पटना विश्वविद्यालय के अंग्रेजी विभाग के प्रो० श्री अरुण कमल उपस्थित थे । कार्यक्रम की अध्यक्षता बिहार केन्द्रीय विश्वविद्यालय के

कुलपति प्रो० जनक पाण्डेय ने की । स्वागत बिहार केन्द्रीय विश्वविद्यालय के कुलसचिव प्रो० मो० नेहाल ने किया ।

अपने सारगर्भित व्याख्यान में प्रो० अरुण कमल ने कहा कि हिन्दी राजभाषा के रूप में तभी सशक्त हो सकती है, जब वह आमफहम हो । साथ ही उसमें पारिभाषिक शब्दावली का एक निश्चित मानक हो, जिससे सभी एकरूपता के साथ कार्य कर सकें । उन्होंने इस बात पर भी जोर दिया कि हिन्दी को अपना विस्तार करने की जरूरत है । कार्यक्रम का संचालन तथा धन्यवाद-ज्ञापन क्रमशः राजनीति विज्ञान के सहायक प्राध्यापक डा० अभय कुमार और डा० सुमित कुमार पाठक ने किया ।



हिंदी दिवस समारोह में मंच पर कुलपति, प्रो० अरुण कमल एवं कुलसचिव

Health is Wealth: Free Check-up Camp

Central University of Bihar in association with the Indian Society of Gastroenterology (Bihar & Jharkhand Chapter) organized a Health Check-Up Camp and Hepatitis – B Awareness Camp for the faculty members, students and staff on 22nd September, 2012 between 12:00 noon to 02:00 PM. Dr. Manish Mandal (Gastroenterologist), Dr. Manoj Kumar (Nephrologist), Dr. Rakesh Kumar Singh (ENT), Dr. Rakhee (Ophthalmologist) and Dr. Deepali (Gynaecologist) were present.



Dr. Manish Mandal examining a student

Gandhi Jayanti Celebration In CUB

The birth anniversary of the Father of the Nation, Mahatma Gandhi, was observed on 2nd October 2012 in Central University of Bihar. The occasion was presided over by the Hon'ble Vice-Chancellor Prof. Janak Pandey who urged people to incorporate truth, honesty, devotion and other human values in their conduct as exemplified by Mahatma Gandhi. On this occasion eminent photographer Mr. Umesh Gogna pointed out Gandhi's love for nature and the benevolent influence of the same on him. He also enumerated the names of people who impressed Gandhi.

Walk For Wild Life

To create awareness related to the issues of eco-safety and conservation of 'Forests and Wildlife' the Faculty and Students of the Central University of Bihar participated in the march organized by the Department of Environment and Forest, Government of Bihar. The Walk started enthusiastically at 7:30 A.M. on 6th October 2012 with the banner of the University symbolizing the concern in the present context as well as promise for future in multiple ways through action and representation.



Students participating in "Walk for Wildlife" organized by the Department of Environment and Forests, Government of Bihar

Brimming with spirit participants from CUB undertook a walk for 'Wild Life'. Students along with three faculty members (Proctorial Board Members) Dr. Sumit Kumar Pathak (Proctor In-Charge) Ms Beauty Yadav and Mr. Jitendra Ram covered a distance of nearly 6 km extending from Raj Bhawan to Legislative Assembly, Bihar with undeterred motivation to create awareness for a cause which is our responsibility.

उच्चस्तरीय राजभाषा कार्यान्वयन समिति

विश्वविद्यालय अनुदान आयोग, नई दिल्ली की उच्चस्तरीय राजभाषा कार्यान्वयन समिति की प्रथम बैठक 9 अक्टूबर, 2012 को बिहार केन्द्रीय विश्वविद्यालय के कुलपति प्रो० जनक पाण्डेय की अध्यक्षता में सेमिनार हॉल में हुई। इस बैठक में विश्वविद्यालय के पदाधिकारी, प्राध्यापक एवं कर्मचारी तथा विश्वविद्यालय अनुदान आयोग की उच्चस्तरीय राजभाषा कार्यान्वयन समिति के निम्नलिखित सदस्यों ने भाग लिया –

- श्री वाई० लक्ष्मी प्रसाद, अध्यक्ष
- डा. महेश प्रसाद, सदस्य
- डा. उर्मिला देवी, संयुक्त सचिव, विश्वविद्यालय अनुदान आयोग
- श्रीमती उर्सुला मिंज, अनुभाग अधिकारी, विश्वविद्यालय अनुदान आयोग

बैठक में सभी सदस्यों ने सरकारी काम-काज में हिन्दी के प्रयोग के क्षेत्र में कई महत्वपूर्ण सुझाव दिए। सदस्यों ने इस बात पर अपनी सहमति जतायी कि बिहार में स्थित होने के कारण इस विश्वविद्यालय की कार्य-भाषा हिन्दी होनी चाहिए। अतिथियों का स्वागत करते हुए कुलसचिव प्रो० मो० नेहाल ने विश्वविद्यालय के क्रियाकलापों में हिन्दी के प्रयोग का एक विस्तृत विवरण प्रस्तुत किया। कार्यक्रम का संचालन बिहार केन्द्रीय विश्वविद्यालय के भारतीय भाषा केंद्र (हिन्दी) के सहायक प्राध्यापक श्री शान्ति भूषण ने किया और धन्यवाद-ज्ञापन केंद्र के प्रभारी अध्यक्ष डा० योगेश प्रताप शेखर ने किया।

Fresher's Welcome Programme

The senior batch of CUB organized a welcome party for freshers on 31st of October 2012. Students' enthusiasm was palpable as was the zeal and zest of the participants and the audience. From songs to dances, from mimicry to fun games, every programme was well

crafted keeping the theme in mind. Following a tough competition among the participating students, a jury of faculty members selected the two most talented faces in CUB. Miss Fresher crown was bagged by Ms Aprajita Shila of Centre for Mass Communication and Media and the title of Mr. Fresher was bagged by Mr. Kanak Raj Kanak of Centre for Biological Sciences.



Miss and Mr. Fresher 2012, Ms. Aprajita Shila and Mr. Kanak Raj Kanak

Not only do such events act as ice-breakers but also encourage students to showcase their talents and obtain awards and recognition. Despite limited time and resources the senior batch of CUB managed to organize the much awaited and anticipated programmes for freshers. On this occasion, the Hon'ble Vice-Chancellor addressed the gathering and shared experiences from his student days encouraging students to strive hard in life.

शिक्षा दिवस समारोह

बिहार केन्द्रीय विश्वविद्यालय में मौलाना अबुल कलाम आजाद के जन्म दिवस के अवसर पर शिक्षा दिवस का आयोजन 11 नवम्बर, 2012 को कुलसचिव प्रो० मो० नेहाल की अध्यक्षता में किया गया। कार्यक्रम का शुभारम्भ पूर्वाह्न 11:30 बजे मौलाना आजाद के चित्र पर माल्यार्पण से हुआ। इस अवसर पर अध्यक्षीय संबोधन में प्रो० नेहाल ने मौलाना आजाद के व्यक्तित्व एवं कृतित्व के बारे में बताते हुए उनके जीवन से जुड़े कुछ अनछुए पहलुओं पर प्रकाश डाला। उन्होंने स्वतंत्रता आन्दोलन में मौलाना आजाद की भूमिका तथा स्वतंत्र भारत के प्रथम शिक्षा मंत्री के रूप में उनके

योगदान की चर्चा की। सभा का समापन श्री कुमार कौशल, सहायक कुलसचिव द्वारा कार्यक्रम में उपस्थित विश्वविद्यालय कर्मियों को धन्यवाद ज्ञापन से हुआ।



कुलसचिव प्रो० मो० नेहाल शिक्षा दिवस समारोह के शुभावसर पर मौलाना अबुल कलाम आज़ाद के चित्र पर माल्यार्पण करते हुए।

Institutional Bio-safety Committee (IBSC) Meeting

The Department of Biotechnology under the genial guidance of the Hon'ble Vice-Chancellor took a positive step to constitute the **Institutional Bio-safety Committee (IBSC)** at the Central University of Bihar, Patna. This Committee was approved by the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India (BT/BS/17/501/2012-PID). The Constitution of IBSC is mandatory at the University level with intent to carry out research activities involving genetic manipulation of genetic materials such as microorganisms, plants and animals. The complete composition of the IBSC, CUB is as under:

Chairman	Dr. Rizwanul Haque, Asso. Professor, Dept. of Biotechnology
DBT Nominee	Dr. Ashok Kumar, Professor, School of Biotechnology, Faculty of Science, BHU, Varanasi
Member Secretary	Dr. Antresh Kumar, Asst. Professor, Dept. of Biotechnology
External Expert	Dr. B. K. Choudhary, Scientist, Division of Livestock and fisheries, ICAR -Research complex of eastern region, Patna
Bio-safety Officer	Dr. V.K. Thakur, Consultant Physician, Kurji Holy family Hospital, Patna
Internal Members	<ul style="list-style-type: none"> ➤ Dr. Nitish Kumar, Asst. Professor, Dept. of Biotechnology ➤ Dr. Krishna Prakash, Asst. Professor, Dept. of Biotechnology ➤ Dr. Namita Rani Das, Asst. Professor, Dept. of Environmental Science ➤ Dr. Manoj Panchal, Asst. Professor, Dept. of Life Science

The first IBSC-CUB Meeting was held on 21st December 2012 under the chairmanship of Dr. Rizwanul Haque, in the presence of Prof. Ashok Kumar, DBT nominee along with all the members of IBSC-CUB to discuss issues related to Bio-safety for perusing research activity in the area of biological and allied sciences.

Ignited Minds Ideate and Cocreate

The Cultural committee organized a debate competition on 23rd of January on the topic 'Media Objectifies Women'. Many students from various departments participated and debated their points of view. The Jury comprising Dr. Rizwanul Haq, Dr. Sumit Pathak, Dr. Karmanand Arya, Ms. Beauty Yadav, Mr. Sujeet Kumar cross-questioned students over various issues while the audience also participated enthusiastically during the interjection round. First prize was bagged by Mr. Vijeta Chandel, Department of Communication and Media Studies followed by Mr. Vishwa Vivek Bharti, Department of Communication and Media Studies and third position was bagged by Ms. Divya, Department of Computer Science. On the occasion Vice Chancellor Prof. Janak Pandey was pleased with the students' performance and encouraged the students by announcing awards for the winners in the form of books of their own choice.

Sports Events

The University organized different Sports Events during the month of January 2013.



The Vice-Chancellor with the winning team of Cricket and Co-ordinators of Sports Events Dr. Prashant and Dr. Rajesh Kumar Ranjan

The CUB-sports Arena's Ouevre

Cricket

- ✓ Winner: CUB Challengers (Captain: Indrajeet Kumar, Economics 2nd Semester)
- ✓ Runners-Up: CUB-Super Kings (Captain: Rahul Pal)
- ✓ Man of the Match (Final): Paramjeet Prabhakar, M.Sc. Biotechnology (2nd Semester)
- ✓ Man of the Series: Rahul Kumar Giri, M.A. Communication and Media Studies (2nd Semester)
- ✓ Best Bowler of the tournament: Rahul Pal, M.Sc. Environmental Science, (4th Semester)
- ✓ Best Batsman of tournament: Rahul Kumar Giri, M.A. Communication and Media Studies (2nd Semester)
- ✓ Fair Play Award: Dharendra Kumar, M.Sc. Environmental Science (2nd Semester)

Badminton

- ✓ Winner (Male): Avinash Kumar, M.A. Communication and Media Studies (4th Semester)
- ✓ Runners-Up (Male): Pradeep Kumar, M.Sc. Mathematics (2nd Semester)
- ✓ Winner (Female): Ratnapriya, M.A. Communication and Media Studies (4th Semester)
- ✓ Runners-Up (Female): Pragya Priyadarshini, M.Sc. Bioinformatics (4th Semester)

Chess

- ✓ Winners (Male): Indrajeet Kumar, M.A. Economics (2nd Semester) and Uday Prakash Sinha, M.Sc. Computer Science (2nd Semester)

- ✓ Winner (Female): Kumari Snehkant Lata, M.Sc. Bioinformatics (4th Semester)
- ✓ Runners-Up (Female): Rohini Kumari, M.Sc. Bioinformatics (4th Semester)

Carrom

- ✓ Winner (Male): Praveen Kumar Jha, M.Sc. Mathematics (2nd Semester)
- ✓ Runners-Up (Male): Thakur Prem Kumar, M.A. Development Studies (4th Semester)
- ✓ Winner (Female): Pragya Priyadarshini, M.Sc. Bioinformatics (4th Semester)
- ✓ Runners-Up (Female): Madhavi Dubey, M.Sc. Bioinformatics (4th Semester)

Republic Day Celebrations

This year CUB celebrated Republic Day with much fanfare at Buddha Colony. Prof. M. Nehal, Registrar hoisted the flag and addressed the gathering. "CUB has grown by leaps and bounds in past years and we are committed to taking it to greater echelons in future" said Prof. Nehal. The day witnessed some of the best performances by the students specially the skit and dance performed on women exploitation by the Environmental Science students was praised by everyone. Students presented patriotic songs, folk songs and bhajans which mesmerised everyone.



Prof. Nehal and Mr. B. K. Pandey distributing trophies to sports winners

At the end winners of the various sports events were awarded trophies, medals and certificates by Prof. Nehal and Mr. B.K. Pandey, Finance Officer. The cultural committee members extended vote of thanks to everyone present.

वाद-विवाद-संवाद

बिहार केन्द्रीय विश्वविद्यालय के भारतीय भाषा अध्ययन केंद्र के हिन्दी विभाग के तत्वावधान में वाद-विवाद-संवाद कार्यक्रम 12 फरवरी, 2013 को आयोजित किया गया। कार्यक्रम के अंतर्गत वाद-विवाद प्रतियोगिता एवं विजय प्रतियोगिता का आयोजन किया गया। कार्यक्रम में बिहार के सभी विश्वविद्यालयों के छात्र-छात्राएं शामिल हुए। कार्यक्रम की अध्यक्षता बिहार केन्द्रीय विश्वविद्यालय के कुलपति प्रो० जनक पाण्डेय ने की। विशिष्ट अतिथि के रूप में दिल्ली विश्वविद्यालय के प्रो० अपूर्वानन्द के अतिरिक्त काशी हिन्दू विश्वविद्यालय वाराणसी की प्रो० विद्योत्तमा मिश्र एवं पटना विश्वविद्यालय के प्रो० तरुण कुमार भी उपस्थित थे। सभी अतिथियों ने 'हिन्दी अध्ययन-अध्यापन की समस्याएँ एवं समाधान' विषय पर अपने सारगर्भित वक्तव्य दिए।

कुलपति प्रो० जनक पाण्डेय ने अपने अध्यक्षीय वक्तव्य में कहा कि हिन्दी भाषा का विकास और प्रसार तभी सफल होगा जब यह विज्ञान, प्रौद्योगिकी एवं संचार के क्षेत्रों में स्वयं को विकसित करे। इसके लिए सभी को सम्मिलित प्रयास करने की आवश्यकता है। उन्होंने प्रतियोगी छात्र-छात्राओं को बधाई और शुभकामनाएं दीं। इसके पूर्व विश्वविद्यालय के कुलसचिव प्रो० एम० नेहाल ने विश्वविद्यालय का परिचय दिया और साहित्य के अध्ययन के संबंध में कहा कि भाषा और साहित्य ऐसे क्षेत्र हैं, जहाँ हमें अपनापन महसूस होता है।

वाद-विवाद प्रतियोगिता के विजेता :

प्रथम पुरस्कार: एस० एम० कॉलेज भागलपुर की बेबी सुप्रिया एवं अपराजिता सुप्रिया की टीम को मिला।

द्वितीय पुरस्कार: सायंस कॉलेज पटना की श्रुति कुमारी और नेहा कुमारी तथा सी० एम० कॉलेज दरभंगा की महागौरी और प्रियांशु कुमारी की टीमों को मिला।

तृतीय पुरस्कार: ए० एन० कॉलेज पटना के सचिन कुमार दास और राजा मंडल, जे० डी० वीमेंस कॉलेज पटना की सोनी कुमारी और पुनीता तथा पटना वीमेंस कॉलेज की अनुपमा और इंदिरा की टीमों को मिला।

विजय प्रतियोगिता के विजेता :

प्रथम पुरस्कार: पटना कॉलेज पटना के उत्तम कुमार और अरुण कुमार की टीम को मिला।

द्वितीय पुरस्कार: सी० एम० कॉलेज दरभंगा के प्रभुनाथ और सुभाष कामत तथा पटना वीमेंस कॉलेज पटना की इंद्रा सिंह और अनुपमा की टीमों को मिला।

तृतीय पुरस्कार: डी० ए० भी० कॉलेज सीवान की खुशबू और दीपा, गणेशदत्त कॉलेज बेगुसराय की महागौरी और

प्रियांशु तथा बी० एन० कॉलेज पटना के अभिषेक कुमार और कृष्णा अनुराग की टीमों को मिला।

कार्यक्रम का संचालन हिन्दी विभाग के अध्यक्ष डॉ० योगेश प्रताप शेखर ने किया। वाद-विवाद और क्विज प्रतियोगिता का संचालन विभाग के सहायक प्राध्यापक कर्मानंद आर्य एवं सहायक प्राध्यापक शान्ति भूषण ने किया। धन्यवाद ज्ञापन श्री अनुज लुगुन ने किया।

'Quality Education and Research in Social Sciences for Development and Change' A Dialogue

There was a dialogue on 'Quality Education and Research in Social Sciences for Development and Change' under the chairmanship of Prof. Pushpesh Pant, Former Dean, School of International Studies, JNU, New Delhi on 22nd of February 2013. The dialogue was initiated by Prof. Janak Pandey, Vice-Chancellor, CUB and Prof. Sunil Ray, Dean, School of Social Sciences and Policy, CUB. Many faculties from different Centres of the University participated in that.

Board of Studies/expert Committees Meetings

The Board of Studies/Expert Committee Meetings were organized by different Centres of the University on 22nd and 23rd February, 2013. The meetings were arranged to discuss and finalize courses for Masters, M. Phil. And Ph.D. Programmes while welcoming suggestions for Five-year Integrated Programmes. The members also discussed about the semester system, Choice Based Credit System (CBCS), Continuous Evaluation System, and the importance of internship and attendance.

Development Meet 2013

Central University of Bihar organized the 3rd Development Meet from 1st to 3rd March 2013 at Hotel Patliputra Ashok, Patna. On the first day, the welcome address was delivered by Prof. Sunil Ray, Dean, School of Social Sciences and Policy. The inaugural speech was eloquently spoken by Prof. Janak Pandey, Vice-Chancellor,

CUB. On the final day, Shri Vijay Prakash, IAS, Principal Secretary, Planning and Development, Government of Bihar praised the growth rate of the State at the valedictory function while addressing the audience.



Shri Vijay Prakash addressing the participants

Prof. Janak Pandey, VC, CUB announced that the Centre for Development Studies would work on a bigger project related to development issues of Bihar. It would be a report which would come up with an evaluation and comprehensive solutions to endemic problems Bihar faces. It would be titled "Development Report". There were many eminent speakers from different reputed universities and organizations who addressed the audience during the three days of the Meet. The event concluded with a vote of thanks by Ms. Anju Helen Bara, Co-ordinator, Development Meet 2013.

Theatre and Personality Development Workshop

The Cultural Committee of CUB organized a four-day Theatre and Personality Development Workshop (March 15-18, 2013) for all the students. Mr. Atul Satya Koushik, Founder and President of Films and Theatre Society of India, New Delhi and Mr. Sachin Joshi, Senior Member, actor, FTS were the resource persons. The workshop comprised various dramatic exercises and games to help students come out of their shells and enhance their personalities. The workshop focussed on communication

and presentation skills, character building, stage presence and voice modulation exercises. The Grand Finale saw students presenting two stage plays.



A scene from the play 'Boodhi Kaaki'

The first skit was based on Asha Sharma's short play 'Atmhatya ki Dukaan' and the second play was based on Munshi Pemchand's story 'Boodhi Kaaki'. The day witnessed some of the finest performances by the students. Madhavi Dubey in the role of Ladli, Ratnapriya in the role of Boodhi Kaaki and Raj Kumar Pal in the role of Munna were highly appreciated. More than twenty students from various departments participated in the workshop. On the final day Prof. M. Nehal, Registrar felicitated the Resource Persons with mementos.

Prospectus Release Programme at Gaya

The prospectus of the Central University of Bihar was released at its temporary campus in Gaya on 4th April 2013. The chief guest was Lt. Gen. G. S. Bisht, Vishisht Sewa Medal, Commandant, O.T.A., Gaya. The Programme began with the Welcome Song by the students of Green Field English School. The guests were welcomed by Prof. M. Nehal, Registrar. The presidential address was delivered by the Hon'ble Vice-Chancellor Prof. Janak Pandey. Among other attendees were Prof. Chakradhar Prasad Singh, Vice-Chancellor, Magadh University, Gaya, Mr. Vivek Kumar Singh, Commissioner, Magadh Division, Mr. J. K. Paalit, Ex-Chairman, Shaasi Mandal, NIT,

Kurukshetra, Brigadier Suresh Verma, Station Commander, O.T.A. Gaya, Major General A. K. Sehgal, Deputy Commandant, O.T.A. Gaya, Mr. P. N. Prasad, Director, Green Field English School, Gaya. The Vice-Chancellor Prof. Pandey presented the souvenir to the Chief Guest Lt. Gen. G. S. Bisht. The programme concluded with the vote of thanks being proposed by Ms. Beauty Yadav, Assistant Professor of English, CUB.

Prospectus Release Programme at Patna

The prospectus of the Central University of Bihar was released at Hotel Chanakya in Patna on 12th April 2013. The occasion was presided over by the Vice Chancellor Prof. Janak Pandey and the Registrar Prof M. Nehal. Prof. Nehal delivered the welcome speech and gave an overview of the programmes mentioned in the Prospectus. He traced the evolution of the University from the time it started in 2009 with just Development Studies. He enumerated various problems that the University faced in its steady expansion. The journey of progress passing through two temporary offices has culminated in the final functional campus at Gaya. The temporary Gaya campus has been inaugurated on 4th April 2013. The University has launched four new UG courses namely B. A. plus B. Ed.; B. Sc. plus B. Ed.; B. A. plus LL B and B. Sc. plus LL. B from the forthcoming session. Thus, the University has achieved the target of expansion of twenty courses, sixteen P.G. and four U.G. courses during the eleventh Five-year Plan.

He emphasized that this achievement is the result of team work of the faculty and the staff. The Vice Chancellor, Prof Janak Pandey, divulged the details of land acquisition and said that the process has been completed in Gaya and the first phase of construction at the site will begin very soon at an estimated cost of Rs. 600 crores. He informed the gathering that the Establishment Act of 2009 has been tabled in the parliament for amendment and there will be two central universities in Gaya and Motihari

respectively with separate funding. Prof. Pandey stated that the premises required for the existing courses will be completed within two years. They will include labs, library, hostels and other administrative and academic buildings. As soon as the university is established permanently with its infrastructure in Gaya, technology courses will commence. He laid emphasis on the national face of the Central University of Bihar. Prof V.C Pandey, senior Professor, Department of Medieval and Modern History, University of Allahabad, maintained that CUB is functioning very well as compared to other Central Universities established in 2009, across India. He particularly appreciated the courses being taught here. Prof Amita Chatterjee, Founder Member of Presidency University Kolkata stated that CUB is following the models of the best Universities existing in India as well as abroad and this assimilative nature of functioning would take the University to new heights. Prof. Sunil Ray held that the University is committed to intellectual integrity and creation of knowledge. Ms. Beauty Yadav, Assistant Professor Department of English anchored the program.

Media and Ethics: Special Lecture

The fourth estate of democracy, the media ought to fulfil its social responsibility with an ethical commitment. The aim of the media should be to pinpoint sharp focus on disseminating awareness on India's national goals and policies. The media cannot fulfil its commitment without its ethics. In a special lecture on 13th April 2013, addressing the students of the Centre for Mass Communication and Media, senior IG, CID, Govt. of Bihar, Shri Aravind Pandey said that the objective of the media should be reinvented in the present context. He cited the example of the US Media underlining the fact that the American Media does enjoy an exemplary image because it follows norms and ethics. Citing the example of the bombing of the Twin Towers, he drew attention to the fact that the US



Mr. Aravind Pandey addressing the students

Media did not publish or telecast the gory photographs of the dead.

Dr. Kinshuk Pathak, Assistant Professor, Centre for Mass Communication and Media in a talk titled "Media and Ethics" expressed his views on moral issues pertaining to the media, focusing on two incidents which were rather worrisome. The extensive coverage by the media, of the Mumbai 26/11 bombing, the unfortunate incident of a child, Prince, who fell down a bore well, have both brought into glaring focus the irresponsible role played by the media. These two incidents presented the rather rash face of media ethics.

The discussions concluded with IG Shri Aravind Pandey replying to the questions of students on adopting ethical and spiritual standards in a transparent and harmonious way in the Media Profession.

3rd University Lecture Series 2013-14

Central University of Bihar (CUB) organized its "3rd University Lecture Series 2013-14" at A.N. Sinha Institute of Social Studies, Patna on 23rd April 2013. The speaker Padmashree Prof. Seyed E. Hasnain is a distinguished Professor and Researcher of Biological Sciences at IIT, Delhi. A warm welcome address was delivered by Prof. M. Nehal, Registrar, CUB. Being a life scientist himself, he shared his personal memories of his association with Prof. Hasnain at Jawaharlal Nehru University. The



Prof. Hasnain addressing the audience, along with Prof. Janak Pandey, Prof. Nehal, Dr. Pradeep Das and Dr. Rizwanul Haque

speaker was introduced by Prof. Janak Pandey, Vice-Chancellor, CUB. Prof. Pandey also briefed the gathering about the purpose of organizing the University Lecture Series. Dr. Pradeep Das, Director, Rajendra Memorial Research Institute of Medical Science (RMRIMS) chaired the technical session and convoked the presidential address. He also dwelt on the newly created diagnostic facilities for Kala-azar and other infectious diseases established at RMRIMS. Speaking on the title "Will it be possible to eradicate the disease TB caused by Mycobacterium tuberculosis?", Prof. Hasnain presented the recent scenario of TB in India and around the world. The faculty and students of the Centres for Biological and Environmental Sciences, CUB and many other participants from different institutes, universities, hospitals, industries, NGOs were also present. Many renowned clinicians and TB activists also attended the seminar.

Library as Resource Centre

The University believes that a library is the most vital aspect of the facilities of an educational institution and hence the University has developed a well-equipped Library to cater to the informational requirements of students and faculty to enrich their academic activities. The library has built a reasonable collection of more than 12,000 books to support academic curricula, teaching and research in various science and social science subjects. All books are bar-coded and organized on the shelves using Dewey Decimal Classification Scheme (DDC). An Online Public Access Catalogue (OPAC) of library books is made available to students, faculty members and officials at every computer in the university premises.

Journals and Databases

The library subscribes to a hundred quality print journals and magazines from renowned

publishing houses from across the world and more than 7,000 online journals. Being a member of the UGC-Infonet Digital Library Consortium, more than 4000 e-journals are available to the library from Springer, Taylor & Francis, Wiley-Blackwell, Oxford University Press and Cambridge University Press. The library also subscribes to e-journals of various internationally acclaimed publishers viz. IEEE Explore for Computer Science, Sage-HSS package for Humanities and Social Sciences, five subject collections from Elsevier's Science Direct for Agricultural & Biological Science, Biochemistry, Genetics and Molecular Biology, Environmental Science, Immunology and Microbiology, Mathematics and Statistics. Besides this the library also subscribes to many online databases e.g. BBC College of Journalism – a multimedia database for journalism; MathSciNet – a bibliographic database for mathematical sciences; JSTOR – full-text database mainly for social sciences, IndiaStat – a statistical database for development studies and JCCC – a general purpose bibliographic database.

Achievements of Library Staff and Upgradation of Human Resource

- Samir Kumar Jalal (2013) has published a paper titled "A Comparative Weblink Analysis among Top Indian, Asian and World Universities". *DESIDOC Journal of Library & Information Technology*. 33(2), p.131-140 and another paper in which he has collaborated with S. C. Biswas and P. Mukhopadhyay (2013): "Link Analysis Research of Indian Universities". *Information Studies*. 19(1), p 5-28
- Samir Kumar Jalal, Deputy Librarian has been awarded PhD from The University of Burdwan, West Bengal in August 2012 on his thesis entitled "Indian Universities on the Web: Analysis of Hyperlinks through the Application of Web-o-metric Tools and Techniques" under the joint supervision of

Prof. Subal Chandra Biswas and Dr. Parthasarathi Mukhopadhyay.

- Sanjeev Kumar Sunny, Assistant Librarian is pursuing PhD from Tata Institute of Social Sciences (TISS) Mumbai and has also published a research article titled "Diversity in Metadata Schemes used by OAI-PMH Data Providers" in International Conference on Trends in Knowledge and Information Dynamics (ICTK-2012), held in DRTC, Indian Statistical Institute, Bangalore during 10-13 July 2012.

Glimpses of Academic Leadership and Learning

In a world where the only certainty is uncertainty, the one reliable source of lasting competitive advantage is knowledge. The best institutions survive by consistently creating new knowledge, disseminating it throughout the organisation, and quickly leveraging it in their everyday processes and practices. As a leader navigating the CUB team, Prof. Janak Pandey, VC CUB, is steering the nascent institution's embryonic culture through partnerships, symposia and conferences both national and international. This leadership role translates into creating a filter effect on the CUB campus life, helping create a culture of high impetus, empowerment, exposure and enthusiasm.

Off-campus News We Can Use, Reuse, and Review!

Prof. Janak Pandey, Vice-Chancellor CUB, has participated and helmed a series of glittering academic events to which he has been invited this past year, to address distinguished men and women of letters, both at the national as well as international levels.

- a. He was the keynote speaker at the National Seminar on "Elementary Education in India in the context of provisions of RTE Act with special reference to Bihar State", Bihar

- Educational Development Society, Gaya, sponsored by the National University of Educational Planning and Administration (NUEPA), MHRD, Govt. of India at Bodh Gaya, June 1-2, 2012.
- b. Prof. Pandey attended the meetings of the Executive Council and Assembly of 'International Union of Psychology Sciences (IUPsyS)', Cape Town (South Africa), July 20-28, 2012
 - c. He also presented a paper entitled "Universal Psychological Science Needs Indigenous Psychologies" in the Symposium of ICP-2012 on Indigenous Science and Science Education titled: Does culture matter?, Cape Town (South Africa), July 20-28, 2012.
 - d. Prof Pandey presented a second paper titled "Indigenous Psychologies and Societal Development" in the Symposium of ICP-2012 on Setting and Situation: Tracing Behavior to where it Actually Occurs, Cape Town (South Africa), July 20-28, 2012.
 - e. Organized a Panel Discussion on "Indigenous Research for Enriching Education and Training of Psychologists" with participation of eminent Psychologists from France and Mexico, Cape Town (South Africa), July 20-28, 2012.
 - f. Discussant in a seminar, "Retreat on Indian Cultural Concepts", Department of Psychology, University of Allahabad & Allahabad Museum, August 17-19, 2012
 - g. Chief Guest and Speaker on the topic "Evolving Trends in HR and Industrial Relations", Seminar by National HRD Network, Patna, August 25, 2012.
 - h. Prof. Pandey chaired a session, "Cooperation and Coordination among Universities", in East Zone Vice-Chancellors' Meeting-Association of Indian Universities, Central University of Jharkhand, August 28-29, 2012.
 - i. He was a participant at the India-Cambridge Summit "India in the Global Age", New Delhi, September 10, 2012.
 - j. He was the Chief Guest and Keynote Speaker, on "Short-Term Course on Interpersonal Skills", Indian Institute of Technology, Patna, September 28-30, 2012.
 - k. Prof. Pandey delivered a Special Address on "Building Human Capital for India and Emerging Bihar", HRD Conclave, National HRD Network, Patna Chapter, October 5-6, 2012.
 - l. He was the Keynote Speaker on the occasion of release of the book titled "Churning the Earth - The Making of Global India", Bihar Vaikalpik Vikas Manch, Patna, November 24, 2012.
 - m. Prof. Pandey was invited as Speaker to the Symposium on "Forging Unity in Psychological Science" in India, Presidential Symposium on "Working Together for a Common Cause" and 'Annual Convention of the National Academy of Psychology', Christ Church University, Bangalore, December 10-11, 2012.
 - n. He was a participant at the National Summit on "Contemporary Discourse on Disability Studies as a Human Rights Issue", ICAR-RCET, Patna, December 15, 2012.
 - o. Prof. Pandey delivered a special lecture on "Social Identity and Wellbeing", Seminar on Social Representations of identity in India: An Interdisciplinary Dialogue, IIT-Delhi, March 18-19, 2013.
 - p. He was invited to speak at The Seventh Tarlok Singh Memorial Lecture on Psychological Perspectives on Development, February 8, 2013, Centre for Research in Rural Chandigarh and Industrial Development (CRRID).

- q. He attended the IUPsyS Executive Committees Planning Meeting for the 31st International Congress of Psychology (ICP2016), Pacifico Yokohama, Japan, May 24-28, 2013.
- r. He was Chief Guest at the "World Bio-diversity Day", Taru-Mitra Students' Forum for Environment, Patna, May 11, 2013.
- s. He was also a participant at the Academic Leadership Development Programme under the aegis of the Obama-Singh Knowledge Initiative Pennsylvania State University, USA, June 23-29, 2013

➤ Mr. Arun Kumar Gautam presented a Paper titled "Prep-routing Methods for Sanskrit Text" at a National Conference on October 1, 2012.

❖ **Centre for Mass Communication and Media**

➤ Dr. Kinshuk Pathak presented a paper entitled "Satya, Tathya aur Media ki Vishvasniyata" at the National Seminar "PRINT AND SOCIAL MEDIA: CHALLENGES AND PROSPECTS", organized by UGC and Madan Mohan Malviya Institute of Hindi Journalism, Mahatma Gandhi Kashi Vidyapith, Varanasi during February 15-17, 2013.

➤ Organized a seminar on "Media and Youth" on 30th November 2012.

➤ Doordarshan Visit: A one-day visit to Doordarshan, Patna was organized by Centre for Mass Communication and Media for the students of 2011-13 batch. Mr. S. R. F. Yusuf, Assistant Director, Engineering briefed the students about the history, functioning of Doordarshan and its various Kendras.

Activities in Centres/Departments

❖ **Department of Computer Science**

➤ Central University of Bihar has become a Resource Center for "The Spoken Tutorial Project", an initiative of 'Talk to a Teacher' Project of the National Mission on Education through Information and Communication Technology, launched by MHRD, Govt. of India and developed by IIT Bombay. This enables CUB to conduct workshops to promote free and open source software in Bihar.

➤ Organized a training programme on J2EE for students of Computer Science from 8th January to 21st January 2013, conducted by HP

➤ Conducted an FOSS workshop in co-operation with IIT Bombay on Linux & Latex for the students of Department of Computer Science & Bioinformatics from 17th September to 3rd October 2012.

➤ After successful completion of FOSS workshop, Department of Computer Science has an offer to become Resources Center for FOSS Project run by IIT Bombay, which is an MHRD, Government of India initiative to promote Free & Open Source Software.



Mr. S. R. F. Yusuf, Asst. Dir. DD addressing the students at Doordarshan Kendra

Students were taken around and shown various departments, studio operations and live shows wherein they interacted with the concerned in-charges. The visit helped students in understanding organizational structure of Doordarshan and also its functioning and management.

❖ Centre for Psychological Sciences

- Ms Das Ambika Bharti received Best paper award for research paper entitled "Hypertension among type D personality: Cognitive restructuring an intervention approach" presented at the national conference on "Current concerns and emerging areas of application of counselling" organised by Department of Psychology (SAP-DRS-I), Banaras Hindu University, Varanasi during February 27-28, 2013.
- Organized a lecture on "Development of Psychology (discipline) in India" by Prof. Girishwar Misra (Professor, Delhi University) on 5th November 2012.
- Organized a lecture on "Remaining always relevant in Academia" by Prof. Ramadhar Singh (distinguished Professor, IIM Bangalore) on 13th October 2012.
- Organized a workshop on 'Mental Health' on the occasion of World Mental Health Week on 13th October 2012 at A. N. Sinha Institute of Social Studies. Prof. Manju Mehta (President, Indian Association of Clinical Psychology) and Dr. Rachana Bhargava from All India Institute of Medical Sciences (AIIMS), New Delhi delivered the theme lecture.
- Celebrated World Mental Health Day on 10th October 2012

Hon'ble Vice-Chancellor launched the "Centre for Counselling and Personality Development" at CUB.

Ms. Das Ambika Bharti briefed the gathering at CUB about the "Centre for Counselling and Personality Development"

Dr. Narsingh Kumar delivered a talk on "Managing Stress at Work" on this occasion.

Under the common theme of "Mental Health: Awareness & Common Myths", Ms.

Das Ambika Bharti delivered a talk on "Mental Health: Myth or Reality" and Dr. Manglesh Kumar Manglam spoke on the topic "Awareness about Mental Health".

- Organized a workshop on "Questionnaire Development" at the Central University of Bihar. The Resource persons were Prof. Neena Kohli and Prof. Janak Pandey.

❖ Department of Mathematics

- Pradeep Kumar, an M. Sc. Mathematics (2nd semester) student was selected for Mathematics Training and Talent search programme 2013 (MTTS 2013) funded by National Board for Higher Mathematics.
- Organized a demonstration and presentation of MATHEMATICA software on 12th October 2012.
- Mr. Shamir Nandan, a final year student of M. Sc. Mathematics was selected for "MATHEMATICS TRAINING and TALENT SEARCH PROGRAMME" which was held at IIT Kanpur.

Papers/Book Chapters/Refereed Proceedings published

- Roushan Kumar (2012). "Comments on the article 'On the Propagation of harmonic Plane waves Under the two temperature Theory' [P. Puri, P. M Jordan, Int-J. Eng. Sci 44 (2006) 1113-1126]". Int. J. Engg. Science. 51, 344- 347
- Shubh Narayan Singh (Accepted for Publication). "A sufficient condition for the Hanna Neumann property of submonoids of a free monoid" in Semigroup Forum.
- Vivek K. Jain, Manoj K. Yadav (2012) "On finite p-group whose all automorphisms are central". Israel J. Math. 189 (1), 225-236.
- Praveen Kumar Gupta, Jitendra Singh, K. N. Rai (2012). "A numerical study on heat transfer in tissues during hyperthermia, Mathematical and Computer Modelling". doi:10.1016/j.mcm.2011.12.050.

- **Rajesh Pratap Singh** (2012). "Permutation Polynomials and their Applications in Cryptography". Lambert Academic Publishing, Germany, ISBN: 978-3-8484-0611-1(2012). (Book Chapter)
- **Roushan Kumar** (Accepted for Publication) "Dual-phase-lag thermoelasticity" in Encyclopaedia of Thermal Stresses (Editor: R. B. Hetnarski, Springer). (Book Chapter)

❖ Centre for Political Studies

- **Dr. Sumit Kumar Pathak** presented a paper entitled "**Building Consensus and Challenges of the Neighbourhood**" at the International Conference on "INTERNAL TRANSITION IN SOUTHERN ASIA: IMPLICATIONS FOR INDIA" organized by the UGC Centre for Southern Asia Studies in Pondicherry University during March 11-13, 2013.
- **Dr. Sumit Kumar Pathak** presented a paper entitled "**Building Consensus and Challenges of the Neighbourhood**" at the International Conference on "INTERNAL TRANSITION IN SOUTHERN ASIA: IMPLICATIONS FOR INDIA" organized by the UGC Centre for Southern Asia Studies in Pondicherry University during March 11-13, 2013.
- He has also contributed a Chapter entitled "**Why Should We obey the State: Issues of Civil disobedience and Political Obligation**" (jointly written with Bishnu Satpathy) published in the Book named "Rajnitik Siddhant: Avadharnaen Evam Vimarsh" (Hindi Edition), Publisher - Hindi Madhyam Karyanvaya Nideshalay, University of Delhi, Delhi.

❖ Centre for Sociological Studies

- Organized a talk on "Social Science in a Post-National World: Towards a Contemporary Politics of Location" by **Prof. Satish Deshpande** (Dean, Faculty of Social Sciences, Department of Sociology, University of Delhi) on 21st September 2012.
- **Jitendra Ram** presented a paper entitled "**Caste Hierarchy and the Dalits: The Bihar Experience**" in a National Seminar on 'Caste in Contemporary Indian Politics' organised by University of Pune during March 14-16, 2013.
- **Dr. Haresh Narayan Pandey** delivered an invited lecture on the topic "Gender Development in India with Special Reference to GID and GAD" in a lecture series organised by Women's Studies and Research Centre, Banasthali University, Rajasthan for the purpose of celebrating the occasion of International Women's Day on 16th March 2013.

- As a Nodal Officer, CUB Constituent Community College attended a two days International Conference on the topic "Mainstreaming Skills in Education – Creating Relevant Human Resource" at Ashoka Hotel, New Delhi, organised by Ministry of Human Resource Development, New Delhi during February 6-7, 2013.
- Supervised an M. Phil. dissertation entitled "Social Shaping of Banking through Technology: A Study of Indian Banking Sector", and it was submitted at the Central University of Gujarat (CUG), Gandhinagar in October 2012 and the Degree got awarded in March 2013.
- Presented two papers entitled "Globaliza-tion, ICT and Identity Formation: A Village Study" and "Technology and its Construction: A Debate" at the 38th All India Sociological Conference 'Contemporary Indian Society: Challenges and Responses' organized by Department of Sociology, University College of Social Science & Humanities, Mohanlal Sukhadia University, Udaipur, Rajasthan during December 27-29, 2012.

❖ Centre for Development Studies

➤ Prof. Bhaskar Majumder organized **SPSS Workshop** at the Central University of Bihar, Patna, 2013.

- Organized '**Proposal Development**' Workshop at the Central University of Bihar (CUB), Patna, January 23-24, 2013.
- Organized '**Development Meet 2013**' at CUB, Patna, March 1-3, 2013.
- Presented paper entitled '**Inequality in Processes and Consequences: An Overview**', at CUB, Patna on January 11, 2013.
- Delivered two lectures: 1. Researchable Issues in the Era of Globalization, 2. Researchable Issues on International Institutions, in the ICSSR-sponsored Training Course on 'Research Methods and Computer Application in Social Sciences', in A. N. Sinha Institute of Social Studies on September 8, 2012.
- Delivered lecture entitled '**Food Security India, Is Public Distribution System the Panacea?**' in 'Research Methodology Course in Economics and other Social Sciences for Ph.D. Students' in Lucknow University, organized by the Department Of Economics, sponsored by ICSSR, New Delhi on November 22, 2012.
- Delivered lecture entitled '**How to Develop Research Proposal?**' at the 'Proposal Development' Workshop organized by the Centre for Development Studies, CUB, Patna on January 23-24, 2013.
- Delivered a series of lectures on '**Production & Cost: Basic Concepts**' in Manipal University (Bangalore Campus), India on March 18, 2013.
- Presented a paper entitled '**Structural Capitalism and Central Problems in Political Economy**' in the National Seminar on 'Neoliberal Economic Policies and the Common Man' organized by Bihar Progressive Forum at the A.N.Sinha Institute of Social Studies, Patna on January 19-20, 2013.
- Presented a paper entitled '**Inequality in Processes and Consequences: An Analysis in the Context of India's Social Structure**', presented in the National Seminar on 'Right to Development with Justice' at A.N.Sinha Institute of Social Studies, Patna on February 15-16, 2013.
- Presented a paper entitled '**Inequality in India's Social Structure: Can the Economy Address it?**', presented in the National Seminar on 'Contemporary Indian Economic Policies: Deprivation, Destitution and Debates' organized by Forum of Development Economics, Department Of Economics, University of Calcutta on March 21-22, 2013.
- Presented a paper entitled '**Structural Inequality in India's Society: Can the Economy Transform It?**', presented in the National Seminar 'Economic Growth in India and the Challenges of Inclusiveness' organized by the Department of Economics, Aligarh Muslim University, Aligarh on April 30-May 01, 2013.
- Presented a paper entitled '**R & D as a Proxy of National Self Reliance: Some Reflections**', in the Academia, Industry and Society Meet, organized by CUB, Patna on May 11, 2013.
- Chaired post-Lunch Technical Session in the National Seminar 'Economic Growth in India and the Challenges of Inclusiveness' organized by the Department of Economics, Aligarh Muslim University, Aligarh on April 30-May 01, 2013.
- Chaired a Public Lecture delivered by Mr. P. Gupta, organized by the Centre for

Mass Communication & Media, CUB, Patna in August 2012.

- Peer Reviewed a Paper entitled 'Production Performance of Indian Agriculture in the Era of Economic Reforms.' for a Book/Journal sent by Calcutta University in August 2012.
- Reviewer of Papers for International referred journals for World Business Institute, Australia.
- **Research Projects Completed (Externally Funded):**

'Socio-Economic Survey', sponsored by NTPC Chhatrapur, MP, India, 2011-2013.

- **On-going Projects:**

'In-Migration of Rural Labour in Brick Kilns: A Study of Border Region of Uttar Pradesh', supported by ICSSR, MHRD, GoI, New Delhi, 2012-2013.

- **On-going D.Phil. Supervision (Affiliated to Allahabad University, Allahabad):**

1. 'Forced Migration of Labour, with Case Studies on Labour Chourahas'.
2. 'Farm Size and Productivity with a focus on Selected Farms'.
3. 'Livelihood Security of the Workers in the Unorganized Sector in India (With Reference to Women Beedi Workers in the District of Allahabad, Uttar Pradesh).

Papers/Book Chapters/Refereed Proceedings published

- **Bhaskar Majumder (2012).** 'Dispossession for Development in India: Some Experiences on Land Acquisition', Journal of Regional Development and Planning, Vol.1, No.2.

- **Bhaskar Majumder, Kaushik Basu (2012).** 'Beyond Invisible Hand', Penguin Books, London, in Journal of Indian School of Political Economy (Review Article)

- **Bhaskar Majumder (2012).** The World Bank, 2011, 'Poverty and Social Exclusion in India', Oxford Univ. Press, in Indian Journal of Economics. Oct., Vol. XIIIIC. (Review Article)

- **Bhaskar Majumder (2012).** 'Land Acquisition for Industrialization and Displacement of People in India: Role of the State', in Mishra N.R. and Misra K.K. (Ed), 'Displacement and Rehabilitation', Gyan Publishing House, New Delhi. (Book Chapter)

- **Bhaskar Majumder (2013).** 'Reading Political Economy: An Introduction', Monograph supported by CUB, Patna.

❖ Centre for Economic Studies and Policies

- **Atish Kumar Dash** participated as a discussant of the session on "Agriculture", Development Meet, Central University of Bihar, March 1-3, 2013.

- Presented a Paper entitled "On Explaining the Industrial Output Volatility in India" in The Indian Econometric Society's Annual Conference held at Patna University during January 9-10, 2013.

- Taught in the workshop on Statistics with SPSS during organised by Centre for Development Studies, Central University of Bihar, Patna during November 2-3, 2012.

❖ Department of Statistics

- **Dr. Amit Kumar Misra** delivered an invited talk entitled "ON STOCHASTIC COMPARISON OF LARGEST ORDER STATISTICS FROM TWO HETEROGENEOUS GAMMA DISTRIBUTIONS" at the 'Conference on Applied Statistics and its

Applications 2013' held at the Department of Applied Statistics, BBAU, Lucknow during March 16-17, 2013.

- **Dr. Richa Vatsa** presented a paper entitled "Variational Bayes Approximation for Non-CE models with an Application to Inverse Regression Problems" at the International Workshop/Conference on Bayesian Theory and Applications (IWCBT), organised by DST Centre for Interdisciplinary Mathematical Sciences and Department of Statistics, BHU, Varanasi during January 6-10, 2013.
- **Dr. Rakesh Kumar Shukla** supervised an M. Phil. dissertation entitled "Some Study on Inventory control Models and their Applications" and it was submitted at the Uttar Pradesh Rajarshi Tandon Open University, Allahabad in 2012.
 - Presented a paper entitled "Study of a one parameter family of estimators under measurement error models" at the 'National Conference on Recent Developments in Mathematics and Related Areas', jointly organized by the Department of Mathematics, Patna University & Patna Science College, Patna during December 22-24, 2012.
 - Presented a paper entitled "Study of product-type families of estimators under model approach incorporating non-response" at the '21st International Conference of Forum for Interdisciplinary Mathematics, Statistics and Computational Techniques', December 15-17, 2012, conducted by Department of Statistics, Punjab University, Chandigarh, India.
- **Dr. Jitendra Kumar** presented a paper entitled "Crime forecasting of Uttar Pradesh: ARMA Approach" at the 'National Conference on Recent Developments in Mathematics & Related Areas' organized by

Department of Mathematics, Patna Science College, Patna University, Patna during December 22-24, 2012.

- Delivered a talk "Big Data: A Source of KYC in reference of Indian Banking" at the Central University of Bihar, Patna.
- **Dr. Amit Kumar Misra** delivered an invited talk on "Standby Redundancy Allocations in Series and Parallel Systems" at the 'Workshop on Reliability Theory and Survival Analysis' held at IIT Kanpur during December 3-5, 2012.

Papers/Book Chapters/Refereed Proceedings published

- **Neeraj Misra and Amit Kumar Misra** (2013). "On Comparison of Reversed Hazard Rates of Two Parallel Systems Comprising of Independent Gamma Components". *Statistics and Probability Letters* 86, 1567-1570.
- **Manoj K. Chaudhary and Rakesh K. Shukla** (2012). "Estimation of population mean with predictive approach under non-response", *Journal of Progressive Sciences*. Vol. 3, No. 1, 89-93.
- **Manoj K. Chaudhary, V. K. Singh and Rakesh K. Shukla** (2012). "Combined-type family of estimators of population mean in stratified random sampling under non-response". *Journal of Reliability and Statistical Studies*. Vol. 5, Issue 2, 133-142.
- **Rishi Kumar, Jitendra Kumar, Anoop Chaturvedi** (2012). "Bayesian Unit Root Test for Time Series Models with Structural Break in Variance". *Journal of Economics and Econometrics*. 55(1), 75-86.
- **Jitendra Kumar, A Shukla and A Chaturvedi** (2012). "Unit Root Testing for the Time Series Model with Additive Outlier: A Bayesian Approach". *International Journal of Intelligent Technologies and Applied Statistics*. 5(3), 307-320.

- **Jitendra Kumar, Sripati Mishra and Neeraj Tiwari** (2012). "Identification of Hotspots and Safe Zones of crime in Uttar Pradesh, India: Geo-spatial Analysis Approach". *International Journal of Remote Sensing Application*. 2(1), 10-14.
- **Jitendra Kumar** (2012). Bank Account Number Portability (BANP) in India, *Compendium of BANCON 2012*. (Refereed Proceeding)
- **Mishra A K and Jitendra Kumar** (2012). Modeling of Indian Growth Series: ARMA models, Some Recent Development in Statistical Theory and Application: Selected proceeding of the International conference on Recent Developments in Statistics, Econometrics and Forecasting, University of Allahabad, UP, Pages 57-67. (Refereed Proceeding)
- **Dr. Jitendra Kumar of Department of Statistics** participated as Expert Member, 7th Uttarakhand State Science and Technology Congress (USSTC) – 2012, Organized by Uttarakhand State Science and Technology, Dehradun, Uttarakhand.

❖ **Centre for Biological Sciences (Biotechnology)**

Papers/Book Chapters/Refereed Proceedings Published

- **N Gupta, K Chakrabarti, Krishna Prakash, N Wadhwa, T Gupta, S. K. Gupta.** (2013). "Immunogenicity and Contraceptive Efficacy of Escherichia coli-Expressed Recombinant Porcine Zona Pellucida Proteins." *Am J Reprod Immunol*. Feb 27.
- **Ajay Kumar, Krishna Prakash, Rajesh K. Sinha, Nitish Kumar** (2013). "In vitro plant propagation of Catharanthus roseus and assessment of genetic fidelity of micropropagated plants by RAPD marker assay". *Applied Biochemistry and Biotechnology*. (In Press) (Springer Publishing) (DOI10.1007/s12010-012-0010-4).
- **Rizwanul Haque, Fengyang Lei Baohua Zhao Yuzhang Wu and Jianxun Song** (2012). "Programming of regulatory T cells from pluripotent stem cells and prevention of autoimmunity". *J Immunology*. Aug 1;189(3):1228-36. Impact Factor: 5.745, ISSN 0022-1767, Citation: 1. API: 25
- **Krishna Prakash, Pramod C. Rath** (2012). "Chimeric Oncogenic Interferon Regulatory Factor-2 (IRF-2): Degradation Products Are Biologically Active". *American Journal of Molecular Biology*. 2, 371-379.
- **Knaden M., Strutz A., Ahsan J., Sachse S. and Hansson B.S.** (2012). "Spatial Representation of Odorant Valence in an Insect Brain". *Cell Reports* 1, 1-8, April 19, 2012.
- **Ahsan J., Jain S.K. and Siddiqi O.** (2012). "Behavioral characterization of P-element insertion lines of Drosophila melanogaster". *Dros. Inf. Serv*. Vol. 95 (In Press)
- **Ajeet Mandal, Antresh Kumar, Ashutosh Singh, Andrew M. Lynn, Khyati Kapoor and Rajendra Prasad** (2012). "A key structural domain of the Candida albicans Mdr1 protein". *Biochem. J*. 445; 313–322. (IF 5.7).
- **Nitish Kumar and Muppala P. Reddy** (2013). "Jatropha tissue culture: A critical review on present scenario and future prospects". In 'Jatropha, Challenges for a New Energy Crop: Vol 2: Genetic Improvement and Biotechnology' edited by Bir Bahadur., Sujatha M., Nicolas Carels., pp: 513-523, (Springer Publisher). (Book Chapter)
- **Nitish Kumar, Muppala P. Reddy and M. Sujatha** (2013). "Genetic Transformation of Jatropha curcas: Current status and future prospects". In 'Jatropha, Challenges for a New Energy Crop: Vol 2: Genetic Improvement and Biotechnology' edited by Bir Bahadur., Sujatha M., Nicolas Carels., pp: 535-546, (Springer Publisher). (Book Chapter)

❖ भारतीय भाषा केन्द्र (हिन्दी)

- दिसंबर माह में डा0 योगेश प्रताप शेखर ने एस0 एन0 सिन्हा कॉलेज, जहानाबाद, बिहार द्वारा आयोजित यू0 जी0 सी0 संपोषित राष्ट्रीय संगोष्ठी में "भूमंडलीकरण के दौर में हिन्दी साहित्य के अध्ययन-अध्यापन की प्रासंगिकता" विषय पर आलेख प्रस्तुत किया ।
- श्री शान्ति भूषण ने इसी माह ओरियंटल कॉलेज, पटना सिटी और श्री अरविन्द महिला कॉलेज, पटना द्वारा आयोजित यू0 जी0 सी0 संपोषित राष्ट्रीय संगोष्ठियों में क्रमशः "शिक्षा का सामाजिक मूल्य और मौलाना आज़ाद" तथा "अपने समकालीन शायरों के बीच प्रतिरोध का शायर – फैज़" विषय पर आलेख प्रस्तुत किया ।
- श्री अनुज लुगुन की कई कविताएँ "प्रभात खबर" और "लोकमत समाचार" के वार्षिक विशेषांकों में प्रकाशित हुई ।

❖ Centre for Foreign Languages (English)

- Ms Beauty Yadav presented a paper entitled "Crisis of Identity and Marginality in 'Bombay-London-New York' a non-fiction by Amitava Kumar" at the International Conference on 'Voices from the Margin: Society, Culture and Exclusion' organised by School of Languages, Central University of Jharkhand, Ranchi Jharkhand during February 20-22, 2013.
- Mr. Ashish Kumar Pathak presented a paper entitled "T. S. Eliot's Approach to Shakespeare with Special Reference to *Hamlet*" at the '7th Biennial World Shakespeare Conference' on 'Shakespeare Across Cultures' organized by the Department of English, B.H.U. during December 3-5, 2012.
 - Reviewed the book '*Criticism and Culture*' authored by Rajnath. This book review has been published in the 50th volume of the Indian Journal of English Studies, 2013.

Research Grants

Dr. Antresh Kumar of Centre for Biological Sciences (Biotechnology) received a research grant of 22.1 lakhs under the FAST Track Scheme for Young Scientists from the Department of Science & Technology (DST), Government of India, for research project entitled "Identification of genes involved in the biosynthesis of Echinocandin B: a first line Antifungal". The long term goal of this project is not only to enhance the production of this potent antifungal but can be proven a cost effective drug for the treatment of fungal infections.

CUB's First Lab Based Research Publication

Ajay Kumar, a student of M. Sc. Biotechnology (2010-12) published his Masters Dissertation work entitled "In vitro plant propagation of *Catharanthus roseus* and assessment of genetic fidelity of micropropagated plants by RAPD marker assay" in a reputed journal 'Applied Biochemistry and Biotechnology' in 2013. It is the FIRST publication from a Masters student of CUB for a work solely done in CUB laboratory. He worked under the guidance of Dr. Nitish Kumar of Centre for Biological Sciences (Biotechnology) at CUB.

