



CUB TIMES

Foundation Stone Laying Edition

Thursday, 27th February, 2014

CENTRAL UNIVERSITY OF BIHAR

Established under the Central Universities Act, 2009

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Chief Guest

Hon'ble Smt. Meira Kumar

Chancellor of the University and Speaker, Lok Sabha

Distinguished Guests

Hon'ble Shri Sushil Kumar Singh

Member of Parliament, Aurangabad

Hon'ble Shri Hari Manjhi

Member of Parliament, Gaya

Hon'ble Dr. Anil Kumar

Member of Legislative Assembly, Tikari



Distinguished Guest

Hon'ble Shri P. K. Shahi

Education Minister
Government of Bihar



Guest of Honour

Hon'ble Dr. M. M. Pallam Raju

Minister Human Resource Development
Government of India



Prof. Janak Pandey

Founder Vice Chancellor





Prof. Janak Pandey
Vice Chancellor

"It's like a dream come true for me and the university fraternity"



Prof. Debdas Banerjee
Pro Vice Chancellor

"It's great pleasure to work together to develop CUB as a world class institution"



Prof. Mohammad Nehal
Registrar

"Today is a red-letter day for CUB and education lovers of the country"



Dr. Alok Kumar Gupta
Professor-in Charge, CUB Gaya Campus

"It's a milestone in the educational history of Bihar and torchbearer of academic excellence for the nation"



Dr. C.L. Prabhavathi
Controller of Examinations

"I am very glad and wish the university becomes one of the best institutions in the country"



Mr. Binod Kumar Pandey
Finance Officer

"I am expressing my heartiest gratitude to all for supporting the university to get its permanent campus"

STUDENTS SPEAK



Ms. Shikha Agarwal

Research Scholar, Dept. of Computer Science

"It's the celebration time for us, finally our dream of having our own campus is going to materialise"



Mr. Anupam Ravi

School of Education

"It's a memorable day as CUB with its own campus will bring a drastic revolution in the field of education in our State"



Ms. Chainika

School of Law and Governance

"Coming to the permanent campus of CUB, feels like getting oneself transferred from aquarium kind of environment"



Mr. Abhinay K Singh

Centre for Communication and Media Studies

"I feel myself lucky to be the part of this memorable day, when CUB gets its permanent campus"



Ms. Ruby

Centre for Environmental Science
"With own campus CUB can now move on towards academic excellence"

CUB'S UPCOMING CAMPUS AT PANCHANPUR



Bodh Gaya, the “region of enlightenment and wisdom” encompasses Panchanpur, situated at a distance of about 12 kms from Gaya.

Salient Features of CUB Campus

- ❖ As per GRIHA Ratings Eco-Friendly Green campus and buildings
- ❖ Water bodies and fountains
- ❖ Rain Water Harvesting: recharging and recycling
- ❖ Use of Solar Energy and Bio-Mass Energy
- ❖ Water supply, sewerage, drainage, sub- station, underground treatment and fire fighting.
- ❖ Eco friendly pedestrians and bicycle pathways
- ❖ G+4 to G+8 buildings
- ❖ Boundary wall with Entrance Plaza

First Phase Infrastructure Highlights

- ❖ Academic buildings for housing schools of Science, Technology, Social Sciences, Humanities, Law and Education
- ❖ Lecture hall complexes
- ❖ Hostels for boys and girls
- ❖ Faculty Quarters
- ❖ Guest House
- ❖ Single Room Apartment
- ❖ Students Activity Centre & Sports Complex
- ❖ Community Centre & Health Centre
- ❖ Nursery, Elementary School and Kendriya Vidyalaya

CUB CAMPUS PLAN - PANCHANPUR





CUB Times, 2013

[July–December]

Newsletter, Central University of Bihar

Issue 2

31st December, 2013

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Editorial Panel

Dr. Abhay Kumar,
Editor
Mrs. Archana Jha,
Consulting Editor
Dr. Jawaid Ahsan,
Member
Dr. Kinshuk Pathak,
Member
Dr. Yogesh Pratap Shekhar,
Member

CUB Reporters:

Anushree, Krishna, Pragati,
Gautam, Hariom [First Year
Communication and Media
Studies Students]

With Special Contribution of:

Md. Mudassir Alam,
who joined the university as
Public Relation Officer (PRO)
in January, 2014

Editorial

Dear CUB-ians

Freshly minted, the second issue of **CUB Times** unfolds interesting footage of the past six months at **Central University of Bihar**. New developments in both academic as well as non-academic spheres have emerged. **CUB Times** will update you on the progress of news and events from July to December 2013. **CUB Times** celebrates the chi of spiritus mundi that has guided it from its inception.

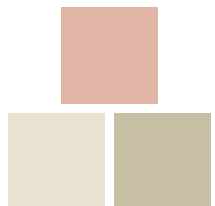
In the world we have lost a beloved leader. **Nelson Mandela**, the peaceful activist who fought against apartheid died on **5th December**. It is vital to remember his message about education being the most powerful weapon we can use to change the world. Education allows us to be used for a purpose higher than us to bring about desired change in ourselves and in our world.

The last editorial spoke of revival being the cornerstone of transformation. Fostering purpose, passion, people focus and commitment drive change. Change allows us to take charge not just because change is constant but because it affects every sphere of human effort whether in the arts, in society or in the sciences.

These changes also have an innovative influence on how we perceive the world and how we live. Change whether in an individual, an institution, a community or a nation is always worth the effort. While resourcefulness helps us capture a spirit of energetic know-how and dynamic insight, transformation forces us to think of our time as one of enduring revolution.

To anticipate challenges which profound change forces an institution to face requires a vibrant endorsement of change in shaping equally, personal and organizational goals.

CUB Times owes its genesis to the valued contribution of students, faculty and staff of CUB. Bidding adieu to 2013, let us whole-heartedly welcome 2014 with new hopes and dreams.



Foreword: From the Vice Chancellor's Desk



Vice Chancellor
Prof. Janak Pandey

The zeitgeist **CUB** strives to live by is, "Prospice!" This Latin verb commands us to "Look Ahead!" Let us strive to build a culture where everybody evolves daily, living by the credo of collective reasoning. We have crossed many milestones together. While the mood is jubilant it makes me reflect about **CUB's** role in shaping education since it forms the bedrock of society.

Reform whether social, economic or political is fuelled by education, which is an enabler, a democratic tour de force to cut across iniquitous divides. The dawn of a digital age has changed the landscape of learning leading to technology breakthroughs in classrooms. Change certainly is afoot.

Massive Open Online Courses or **MOOCs** are emerging as a trend to fulfil the hunger for education among youth. As we move toward reinventing education via flipped classrooms, online interactive-video instruction by top teachers will be a game changer. While live class time will be spent mainly on answering questions and coaching individual students, **Massive Open Online Courses (MOOCs)** will enable even school dropouts to take free courses from top-university professors and experts.

Analyst Marian Salzman, CEO of marketing communications agency Euro RSCG Worldwide, examines trends in education to present a succinct forecast. One of the trends in 2014 will be promotion of new collaborative partnerships. The trend of Ivy League universities being magnets for the best and brightest from planet earth may be reversed in an age of globalization making educational superiority passé.

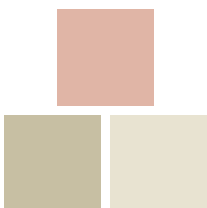
The fields of enquiry that look most promising are in the STEM arena-Science, Technology, Engineering, and Mathematics. Energy consultant Tim Sutherland talks about worldwide preludes in the energy sector as jobs in energy efficiency grow: hydrogen buses, LEED-certified buildings, insulation, alternative energy use and an ever-evolving green ethic driving everyday life. However, these jobs will require growth in human resource with essential industry specific skills.

Emerging research in educational psychology suggests how we learn influences the way we teach. New paradigms in neuroscience and cognitive psychology are powering innovative ways of thinking about the brain, its perceptions and the science behind emotions contributing to learning. Psychologists have shown how to boost educational performance by interacting with diverse areas of brain function.

New techniques in "brain training" combine chess with Mathematics, English, Lego Robotics and even Yoga with just a cheap Akash computer tablet. Competitive debates lead to empirical improvement in student performance. Behavioural aspects of learning show a strong Anti-Bullying Backlash sentiment. Forecasts say we will work to protect the privacy of our daily lives.

Last but not the least analysts foresee digital classrooms without walls morphing into outdoor education programmes designed to combat everything from obesity to digital burnout to Vitamin D deficiency. Classes on farming and nature studies may become the norm, initiating a revised programme of back-to-the-woods. In fact Thoreau may become part of a green learning initiative.

- Prof. Janak Pandey



CUB's Activity Calendar

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 and renewing knowledge, disseminating it throughout their organisation to quickly leverage it in their everyday processes and practices.

As a leader navigating the CUB team, **Prof. Janak Pandey, VC CUB**, is ably steering a nascent institution's embryonic culture through partnerships, symposia and conferences both national and international. This leadership translates into creating a filter effect on CUB campus, helping create a culture of high impact, impetus, empowerment, exposure and enthusiasm. The hustle and the bustle, the toil and the trouble, the huddle and the bubble, the sparkle and the fizz that define university life are unique. Enjoy the unique flavours of these campus capers as we take you on a conducted tour of the second lap of 2013, the year gone by.

August 2013

The leaden skies of **August** ushered in a whirligig of academic deliberation, a counter to a rain-soaked celebration of saffron, green and white passion.

A Lecture Series on "Churning the Earth: The Making of Global India"

A three-days lecture series entitled "Churning the Earth: The Making of Global India" was organised at the Central University of Bihar (CUB), BIT campus, Patna during August 5 – 7, 2013. It was delivered by Prof. Aseem Srivastava, a specialist in Environmental Economics and has taught Economics at Universities in India and the US for many years. He now works as an independent writer. He writes on issues of contemporary concern. According to him globalisation is nothing but Deregulated International Corporate Commerce. He had described the Indian scenario and explained how India was forced by the World Bank to adopt liberalised policies in trade and finance under the auspices of Structural Adjustment Programmes (SAPs).

During his three day lecture series, Prof. Srivastava broadly concentrated his deliberations on:

- (i) The process through which globalisation was imposed on third world countries.
- (ii) How three broad aspects of globalisation namely, trade liberalisation, free investment and liberalisation of finance gained momentum over the years.?
- (iii) The factors leading to the collapse of the Bretton-woods system, how subsequently nations moved towards a flexible exchange rate regime, and finally how it was associated with the rise of speculative capital.
- (iv) The impact of globalisation on the Indian Economy in terms of employment growth, incidence of displacement of labour, declining balance of trade and environmental degeneration.
- (v) He proposed a set of action plans based on the principles of (Radical) Ecological Democracy.

Independence Day

CUB celebrated **Independence Day on 15th August 2013** with pomp and panoply. The Vice Chancellor along with students, faculty, administrative staff, their families and other dignitaries were present on the occasion. Following the felicitation from the Guard of Honour and flag hoisting by the Vice Chancellor a cultural programme based on the nationalistic leitmotif was presented by CUB students.



The Vice Chancellor hoisting the national flag on the occasion of 67th Independence Day

September 2013

Serene **September** brought in a fresh chiaroscuro of activities

Fifth Foundation Day, Seminar and Orientation Day

Central university of Bihar celebrated its **Fifth Foundation Day** on **1st September 2013**. On this



Violinist Prof. R P Shastri performing with his team during CUB Foundation Day

auspicious occasion the university organized a series of programmes. It started with a **Seminar** organized by **Center for Mass Communication and Media** on the topic: **"Reframing the Role of Media in Development"**. Renowned social thinker Shri Sachidanand Sinha, Prof. BP Sanjay, VC of Central University of Tamil Nadu, Prof. Sunil Kant Behera, HOD, Berhampur University, Shri Pushpraj, roaming journalist and Santosh Sarang, Head of the community channel Appan Samachar were the key speakers at the seminar.

Shri Sachidanand Sinha alleged the media could not undertake the task of creating an alternative model of development, but it might point out the excesses especially where they impact the lives of the people adversely. **Prof. BP Sanjay** supposed that post liberalization the media had a role despite having become saturated. **Prof. Sunil Kant Behera** stated that development in India could not be measured by set parameters; one needed to relate it to positive social change while measuring

development. **Mr. Pushpraj** raised serious questions on Hindi journalism. The head of community channel **Santosh Sarang** stressed the need for alternate media's emergent role and reflected on how a community based media structure would bring positive social change in society. **Prof. BP Sanjay**, highlighted the plight of any new university saying that the gestation period of a new university was quite long and that Central University of Bihar in these four years had achieve great heights.

On this occasion **Vice Chancellor, Prof. Janak Pandey** reaffirmed his commitment towards the growth of the university. He said that in the coming years this university would not only provide world class education but would compete with them as well. This was followed by a cultural program by students of the university. On this occasion a noted musicologist and violinist **Prof. R P Shastri** accompanied by his team performed a musical recital keeping the audience mesmerized by his mellifluous presentation.

Alongside the **Seminar**, the **Orientation Programme** for new students took place in the auditorium where the Vice chancellor Prof. Janak Pandey and the Registrar of the university Prof. M Nehal welcomed the new students and briefed them about university culture, rules and regulations and the examination system of the university.

In the **Foundation Programme** Chief Guest Shri Sachidanand Sinha stressed that the university was a place where new ideas and ideology took birth and the Central University of Bihar would travel that way.

हिन्दी दिवस समारोह

हिन्दी दिवस के अवसर पर 14 सितंबर, 2013 को बिहार केन्द्रीय विश्वविद्यालय के सेमिनार हॉल में हिन्दी दिवस समारोह आयोजित किया गया । कार्यक्रम की अध्यक्षता बिहार केन्द्रीय विश्वविद्यालय के कुलपति प्रो० जनकपाण्डेय ने की । स्वागत बिहार केन्द्रीय विश्वविद्यालय के कुल सचिव प्रो० मो० नेहाल ने किया ।



FIRST CONVOCATION

Central University of Bihar

Thursday, 26th September, 2013



Hon'ble Smt. Meira Kumar
Chancellor of the University &
Speaker, Lok Sabha



Chief Guest
Hon'ble Shri M. Hamid Ansari
Vice President of India

Chief Guest: Hon'ble Shri M. Hamid Ansari, Vice President of India
Chair Person: Hon'ble Smt. Meira Kumar, Chancellor of the University

Hon'ble Dr. D. Y. Patil
Governor of Bihar

Hon'ble Shri Nitish Kumar
Chief Minister of Bihar

Hon'ble Shri P. K. Shahi
Education Minister, Govt. of Bihar



CONVOCATION DAY



Prof. Janak Pandey, Vice Chancellor CUB presenting the Memento to Chief Guest Hon'ble Shri M. Hamid Ansari, Vice President of India

Central University of Bihar on Wednesday, 26th September, 2013 celebrated a very important milestone: **The First Convocation**. On the historic occasion of the **First Convocation** of the very **First Central University of Bihar**, the **Chief Guest** of the ceremonial function, **Shri M. Hamid Ansari** expressed his happiness at being in Patna on the momentous occasion. **The Chancellor** of Central University of Bihar, **Smt. Meira Kumar**, also articulated her joy at being able to felicitate the young brigade of the **First Convocation** awardees, as they epitomised a freshness of vision, passion and values committed to the upright mission of nation building. Altogether 156 student-graduates of the first three batches since CUB's inception in 2009 were privileged to receive blessings from the dignitaries visiting Central University of Bihar. The charismatic **Convocation Address**, by the **Chief Guest Shri M. Hamid Ansari**, exhorted the alumni of Central University of Bihar to honour their alma mater as they entered the real world of myriad challenges and boundless possibilities. He urged them to work tirelessly to contribute to inclusive social and economic development in

India. He stressed the importance of education in national development, informing the notable gathering that Central University of Bihar was among the sixteen newly established central universities set up by the Government with the objective of improving the socio-economic condition of the people as well as their intellectual, academic and cultural development.

Stressing that assimilation with the world of the twenty first century was dependent on subscribing to globally accepted values by linking them to governance, the Vice President lay emphasis on the protection and promotion of human rights. He highlighted a crucial historic fact. Emperor Ashoka's edicts found in this ancient land were perhaps the oldest pronouncements on human rights. Quoting former UN Secretary General Kofi Annan he underlined their relevance in the modern world. "We will not", Annan says, "enjoy security without development, we will not enjoy development without security and we will not enjoy either without respect for human rights."

CONVOCATION DAY



Prof. Janak Pandey, Vice Chancellor CUB presenting the Memento to Hon'ble Smt. Meira Kumar, Chancellor Central University of Bihar

On the solemn occasion, Central University of Bihar's **Chancellor's Address** eloquently captured the imagination of the audience and the awardees as she reminded the assembly of the true role of education which she felt was to be the most powerful equaliser in bridging socio-economic and cultural disparities. **The achievement of this goal at a country-wide level required accessibility to all levels of education by all sections of society.** The real impact of education even today lay in making education inclusive. **Smt. Meira Kumar** expressed her belief that education was a tool, a medium for a fuller development of human potential and competence. The purpose of developing human competence was to enhance quality and productivity of all individuals in society, leading to meaningful societal and national development. She felt proud to observe that Central University of Bihar was committed to the ideals cherished by humanity in bringing about holistic development in the intellectual, cognitive, spiritual, emotional and social domains of education. Expressing herself with a fiery zeal she exhorted students:

(Quote)

"My University, Central University of Bihar has to be at the vanguard of Research and Development in order to facilitate expansion of all sections in society pertaining to agriculture, industry and environment."

(Unquote)



Hon'ble Smt. Meira Kumar, Chancellor CUB with VC Prof. Janak Pandey, Registrar Prof. M. Nehal and faculty members

CUB's Activity Calendar

Visit of Dr Athula Naranpanawa

Department of Accounting, Finance and Economics, Griffith Business School, Nathan Campus, Griffith University, Queensland, Australia (23rd Sept. - 4th Oct., 2013)

Dr Athula Naranpanawa visited the Centre for Economic Studies and Policy, CUB with the purpose to explore the possibility of working with the Centre for Economic Studies and Policy of the University on how climate change has been impacting agriculture in Bihar. Although collaboration is sought in research to begin with, he is also working on a proposal to extend the areas of collaboration to exchange programmes for faculty and students. During his stay at CUB, he delivered two lectures to the students of Economics on Introductory Statistics and Econometrics. Besides, he presented a paper titled **"Multi-Regional General Equilibrium Model of India: Illustrative Simulations on Regional Impact of Trade Liberalization"** in an open seminar organised by the university. In his presentation, Dr. Athula discussed the impact of trade liberalisation on poverty and explained how it is more important to examine the same in India's context where large concentrations of poor co-exist with rapid economic growth.

October 2013

Offbeat October escorted in by a welcome bite of coolness in the air brought in the usual fascinating campus revels. The hallways and grounds reverberated with the vim and verve of faculty and students' academic and co-curricular activity.

Gandhi Jayanti Celebration

The birth anniversary of the Father of the Nation, Mahatma Gandhi was observed on **2nd October 2013** by Central University of Bihar. The occasion was presided over by the Honourable Vice-Chancellor Prof. Janak Pandey who urged all to incorporate truth and devotion in life, those perennial human values championed by Mahatma Gandhi.

The Third World Mental Health Day

The Central University of Bihar organised the Third World Mental Health Day on **10th of October, 2013**. **The Theme of 2013 World Mental Health Week was "Cognition and Mental Health in Older Adults."** To earmark the significance of the occasion **Professor Sagar Sharma**, a prominent clinical psychologist, former Dean of H.P.



Prof. Sagar Sharma delivering the lecture during the 3rd World Mental Health Day

University, Shimla, delivered the special lecture series on **Cognition and Mental Health in Older Adults**. He stressed the role of socio-economic conditioning and culture in mental well-being. He concluded his lecture by throwing light on the role of globalisation processes on mental and physical health across ages. Prof. Janak Pandey, Vice-Chancellor, Central University of Bihar also stressed the role of family on mental well-being. Ms. Das A. Bharti, Assistant Professor, Central University of Bihar delivered a lecture on **Emotional Growth with Assertiveness**.

Fresher's Programme 'Roobaroo-2013'

The students of Semester-IIIrd organized the fresher's programme on **October 30th 2013** under the supervision of Dr. Richa Vatsa, the Coordinator of Cultural Activities Committee. Organised at Bhartiya Nritya Kala Mandir, for the first time, the University Anthem was sung outside the present university campus by the students of Semester-I and Semester-III, Ms. Suprobha Dey, Ms. Ragini Kumari, Mr. Prabhat Suman, Mr. Prabhat Kiran and Mr. Navin Kumar.



Students on stage during Fresher's Programme 'Roobaroo-2013'

Enjoyable and notable performances were **Bharat Darshan accompanied to the Naal** by Mr. Sudhanshu Kumar (M.Sc. Economic, Semester-I), a **Sufi song Sazda** by Ms. Suprobha Dey (M.Sc. Life Science, Semester-I) and a **semi-classical dance performance** by Sneha Kumari (M.Sc. Life Science, Semester-I), a solo drama act *Dayashankar ki Diary* by Mr. Nikhil (M.Sc. (CMS), Semester-I), a solo Western dance (lyrical hip-hop) by Mr. Imran Khan (M.Sc. Bio-technology, Semester-I), a speech by Mr. Vaisakh K. M. (M.Sc. Statistics, Semester-I), a solo dance performance by Ms. Aprajita Shila (M.Sc. (CMS), Semester-III) and a **duet dance performance** by Ms. Madhuranjana Gargi (M.Sc. Bio-technology, Semester-III) and Mr. Uday Prakash (M.Sc. C.S. Semester-III).

Ms. Suprobha Dey and Mr. Vaisakh K. M. were selected as Miss and Mister Fresher respectively. The Programme conducted by Mr. Adarsh Madhu, Ms. Priyanka Soren, Mr. Kanak Raj Kanak, Mr. Chandan Kumar and Ms. Aprajita Shila ended with a Vote of Thanks.

November 2013

Nippy **November's** roundel of activities in Central University was intellectually stimulating.

Symposium - Current Trends in Life Science

This was the first symposium organised by Life Science Programme on **November 01, 2013**. The symposium began with the welcome speech of the Vice Chancellor Prof. Janak Pandey. Chief Guest Padma Shri Dr. Jitendra Kumar Singh, Director, Mahavir Cancer Sansthan, Patna, presented a talk on facts about Cancer and its current status in Bihar and in India. Guest lectures

were offered by Dr. R.S. Singh, Scientist, Bihar Agricultural University, Sabour; Dr. Vahab Ali, Scientist, RMRI, Patna and Prof. M. Nehal, Registrar, CUB, Patna for the fields of metabolic engineering, immunology, gerontology and motivated the students (from all departments of biological sciences) to present their work either orally or in poster format. Paramjeet Prabhakar of M.Sc. Biotechnology (IIIrd Semester) and Nandan Kumar of M.Sc. Bioinformatics (IIIrd semester) won the first and second prizes respectively in Poster Presentation while the first and second prizes in Oral presentations were won by Sonia Basak of M.Sc. Life Science (IIIrd semester) and Kumar Abhishek of M.Sc. Biotechnology (IIIrd semester) respectively.

National Education Day

On **11th November, 2013** the university paid tribute to Maulana Abul Kalam Azad, the first Education Minister of free India. On the occasion of 125th birth anniversary of Maulana Azad, **Prof. Mohammad Nehal, Registrar CUB** narrated anecdotes and landmarks from his life, deeds, achievements and contribution. The **Chief Guest** for National Education Day, Director of Gandhi Sangrahalaya, Patna **Mr. Razi Ahmad** exhorted CUB students to follow the path of Maulana Azad. Vice-Chancellor Prof. Janak Pandey presided over the National Education Day celebrations. In his speech he reiterated that there is no other politician in Indian history that can equal Maulana Azad. Saket Mani, a student of CMS presented a slide show on Azad's life and ideology. Dr. Kinshuk Pathak Head-in-Charge of Centre for Mass Communication and Media conducted the function and proposed the vote of thanks.

Four-day Workshop on Photography

The Centre for Mass Communication and Media, CUB organized a **four-day Workshop on Photography from 20th to 23rd November 2013**. The workshop was conducted by an eminent photographer of the country **Mr. Umesh Gogna**. He trained students on skills and techniques in photography imparting them practical and theoretical knowledge of camerawork, shooting and cinematography. Camera handling shots, lenses, autofocus technique, shutter speed, exposure accuracy and photo composition were the subject areas which he touched in-depth.



VC Prof. Janak Pandey interacting with students during Four-day Workshop on Photography

Workshop on Understanding the Needs and Emerging Trends in Industries and Research

The workshop was organised from 22nd – 23rd **November 2013** by the Department of Computer Science, CUB with the objective to cater to the needs of the students and to make them excel in education and research. The first day of the workshop started with the welcome speech by Dr. Prabhat Ranjan, Organizing Secretary of the Workshop and Asst. Professor Dept of Computer Science. This was followed by the Keynote Address by Prof. Janak Pandey, Vice Chancellor CUB. He emphasised the need to buttress fundamentals as well as to be at the edge of technology. The speakers and experts at the workshop were Dr. R. Rajesh (Head, Department of Computer Science CUB), Dr. D. Vijay Rao (Scientist-F, DRDO, New Delhi), Dr. P. K. Mishra (Director, School of Computer Science, Indraprastha University, New Delhi), Shri Atul Sinha (ITS, Managing Director, BELTRON, Patna, Bihar), Mr. Mrinal Singh (UNO Digital Lab), Mr. P.K. Sinha (Director, Centre of Excellence) and Mr. Piyush Singh (TCS).

End November 2013 added a new chapter in the history of CUB as **Prof. Debdas Banerjee** became the part of beautiful university family as Pro Vice Chancellor on **27th November 2013**. A former Fulbright Post-Doctoral Fellow at the Massachusetts Institute of Technology (MIT), Cambridge, USA, and former Professor of Economics at the Institute of Development Studies Kolkata, Prof. Banerjee has taught at several universities in India and abroad. He has also authored numerous books and articles on Development Economics, industrialization, international economy, regional disparity, knowledge economy and aspects of labour economics.

OFF CAMPUS ACTIVITIES

Prof. Janak Pandey, Vice Chancellor, CUB has attended a number of events related to academia as key speaker and expert of the particular field at national level.

- ❖ He attended the a Felicitation Ceremony organised by Center for Gandhian Studies, GITAM University at Visakhapatnam on **October 4, 2013**. The book entitled **"Consciousness, Gandhi & Yoga: An interdisciplinary East-West Odyssey of K. Ramakrishna Rao"** was released and Prof. Pandey addressed the gathering and described about Rao's intellect, ignited mind, and priceless contribution towards Indian and Universal Psychology. He said, "Celebrating his 80th birthday is like worshiping a scholar extraordinary, teacher, researcher, administrator and above all visionary institution builder. He has been all through his career worked beyond the existing boundary. As a student of Philosophy he combined Psychology and did pioneering work on paranormal phenomena."
- ❖ As the keynote speaker at the International Conference entitled **"Cognition, Emotion and Action"** held at Indian Institute of Technology (IIT) Gandhinagar, Gujarat during **December 6 – 8, 2013**. Prof. Pandey who himself was instrumental in setting up the first-ever Centre for Cognitive Sciences in India at the Allahabad University said, "Cognitive science is an interdisciplinary enterprise interfacing Psychology, Neuro science, Computer Science, Philosophy, Linguistic and Anthropology. All these disciplines by crossing boundaries and taking macro perspectives have facilitated evolution of Cognitive Science recognised as one of four pillars of knowledge along with nano, info and bio technologies." "So Cognitive Science seeks answers to many fundamentals and long standing questions about nature of mind and mental processes," added Prof. Pandey.

A dialogue with Vice Chancellor, Prof. Janak Pandey

Interviewed by students of CMS:

Krishna Megha, Pragati Pallavi, Gautam and Anushree.

- Q:** Sir, given your excellent academic background and rich experience, which ethical principle has guided you to achieve and excel?
- VC:** The ethical principle for any success is hard work. There should be an objective in life. One should always follow the path of honesty and integrity to achieve that objective and never stop.
- Q:** What are the challenges you faced during the establishment of the University?
- VC:** To start a new institute we had to face challenges and difficulties in every aspect. To make a beginning you need physical space and infrastructure, co-workers and a decision to start new academic programmes. For this we consulted experts. Now here we are, representing ventures.
- Q:** Being a Founder Vice Chancellor what is your primary vision towards this University?
- VC:** I would like to see that our University should have top grade infrastructure, the best faculty and the best academic programmes to attract the best students and transform them into excellent professionals in various fields.
- Q:** What is the objective of introducing new courses in the University?
- VC:** Prior to introducing a course, one has to assess demand for the course. Accordingly, planning is done to develop the syllabus, start recruitment and begin the process of admission.
- Q:** Tell us something about your Fulbright Scholarship awards.
- VC:** Fulbright scholarship is one of the most prestigious educational programmes that was proposed by U.S. Senator J.W Fulbright after the Second World War. The aim was to increase the chance of living in peace and friendship. In 1971, I received my first Fulbright "Doctoral Fellowship". After that I was awarded the Fulbright "Visiting Professor" title in 1984 and in 1986 "Scholar-in-Residence". I was awarded the Fulbright Fellowship thrice. That is rare.
- Q:** How do you balance your professional and personal commitments?
- VC:** Honestly speaking, I don't have personal commitments in my life. Regarding professional commitments, I am very busy these days, I have no spare time. The University is shifting to Gaya where there are undergraduate students whom I have to take care of.
- Q:** We came to know about MOOCS (Massive Open Online Courses). Is it relevant to CUB? As students how can we help?
- VC:** I think this University has a social responsibility to educate students to the extent possible. MOOCS is a new movement for students who cannot afford the charges of a college or a University. I want Central University of Bihar to make a move towards MOOCS. Students of CUB should make other students aware of MOOCS.
- Q:** Any message for the students of CUB.
- VC:** I would like to say that our students should take advantage of opportunities provided to them by CUB. They should try to develop themselves to take the maximum benefit of resources, academic programmes and infrastructure. Our resources are for students' gain.

A Tete-a-tete with the Controller of Examinations, Dr. C.L. Prabhavathi

Interviewed by students of CMS:

Krishna Megha, Pragati Pallavi, Gautam and Anushree.

Q: Madam, we are really curious to know what made you take this adventurous decision to come all the way from Tirupati University to CUB, Patna.

COE: Frankly speaking, after working for so many years in Tirupati University, I retired from active service. This is the fact. I was not doing any work. I was sitting idly at home. Then, the advertisement for the COE of CUB came up in 2011. I was ready for the opportunity because I was free and ready for a new challenge as I was not doing anything at that moment; I opted for CUB. Moreover, there was also curiosity and I was interested in following it. Deep inside my mind I had a desire to work at a Central University as it would provide me fresh experience.

Q: Given your background and rich academic experience, which ethical principle has guided you to achieve and excel?

COE: Commitment; it covers everything. Whatever work is assigned to me, I work with commitment. For any responsibility I give hundred per cent of my time and effort.

Q: What is your vision for Central University of Bihar, since it is a new university?

COE: Excellent; the vision is transparent. It is to help students to the maximum possible extent. If there is a need we also have faculty ready to mentor and coach students. The faculty is diverse, rich and supportive. All are working hand in hand to give their best to students.

Q: As COE, which system do you think is better, semester system or the yearly system?

COE: Definitely the semester system. In the yearly evaluation system it is a one-time do or die effort while the semester system allows for continuous and comprehensive assessment and evaluation. There is more one-to-one interaction between teachers and students quite frequently. Students get evaluated throughout the session not just at the end of a semester.

Q: As you are very experienced in the field of education, we would like you to share any experience of your life which could encourage students?

COE: Firstly, you should have a goal. Work hard to achieve your goal. Commitment is a must.

Q: What message would you like to give to the students of Central University of Bihar?

COE: I hope and wish that every student of **CUB** excels. You should serve your families and nation; respect your parents, teachers and elders. In the effort to develop a culture of hard work and commitment our purpose will be solved. Since they are getting a unique opportunity to study in **CUB** and are provided all kinds of support, they have to try their level best.

ACTIVITIES IN CENTRES / DEPARTMENTS

Centre for Biological Sciences

Dr. Rizwanul Haque delivered a lecture for CME programme in order to promote immunology subject during October 18-19, 2013 organised at RMRIMS, Patna. The topic of his lecture was "**Cellular Immunity, Cytokines, Chemokines and Inflammatory response. Fully sponsored by RMRIMS and facilitated by memento**"

Papers/Book Chapters / Referred Proceedings Published

- **Rizwanul Haque**, Lei F, Song J, Haque M, Xiong X, Fang D, Croft M, Song J. (2013). Regulation of A1 by OX40 Contributes to CD8(+) T Cell Survival and Anti-Tumor Activity. PLoS One. Aug 1;8(8),
- ◆ **Rizwanul Haque**, Lei F, Song J, Xiong X, Fang D, Wu Y, Lens SM, Croft M, Song J. (2013). Transgenic expression of survivin compensates for OX40-deficiency in driving Th2 development and allergic inflammation. Eur J Immunol. Jul;43(7):1914-24. **Impact Factor:** 4.97, Online ISSN: 1521-4141
- ◆ **Rizwanul Haque**, Fengyang Lei, Xiaofang Xiong and Jianxun Song. (2013). Generation of Antigen-Specific T lymphocytes from Induced Pluripotent Stem Cells for Adoptive Immunotherapy, Stem Cells and Cancer Stem Cells, Volume 10, pp 105-121. Springer
- **Antresh Kumar, Vandana Kumari and Arvind Kumar Verma** (2013). Effects of nitrogenous sources on antifungal secondary metabolite production by *Aspergillus nidulans*. Current trends in Life Sciences, 1st Nov. 2013. The presented work was financially supported by the Department of Science & Technology (DST), Govt. of India.
- ◆ **Antresh Kumar and Kanak Raj Kanak** (2013). Elucidation of genetic network involved in the development of ethanol tolerant yeast. Current trends in Life Sciences, 1st November 2013. The presented work was financially supported by the UGC, Govt. of India.

Papers/Book Chapters / Referred Proceedings Published

- **Kumar N** (2013), Kumar A, Prakash K, Sinha RK. In vitro plant propagation of *Catharanthus roseus* and assessment of genetic fidelity of micropropagated plants by RAPD marker assay. Applied Biochemistry and Biotechnology. 169: 894-900 (Springer Publishing).

Research Grants

- **Dr. Jawaid Ahsan** received a grant of Rs 6 lakh for research on 'Role of ionotropic receptors in *Drosophila* olfaction' in December 2013.
- **Dr. Antresh Kumar** received a research grant from the Department of Science & Technology (DST) under the scheme of Empowerment and Equity Opportunities for Excellence in Science for the proposed research proposal project entitled "Screening and characterization of antimicrobial activity of fungal secondary metabolites to combat multidrug resistance in *Staphylococcus aureus*". ☒
- **Dr. Nitish Kumar** received grants from the Department of Science & Technology (DST), GOI, to study "Molecular Characterization of Molecular Diversity in *Makhana (Euryale ferox)*".

School of Mathematics, Statistics and Computer Science

- **Dr. R.Rajesh** delivered a talk entitled "Design of Fuzzy Logic System and Genetic Algorithms", Short Term Faculty Development Programme on Soft Computing Techniques conducted by College of Engineering, Karunagappally on September 28, 2013.
- **Dr. Prabhat Ranjan** participated in International Conference on Computer & Communication Technology, (IC CCT 2013) at MNNIT Allahabad, U.P during September 20-22, 2013
- **Mr. Nemi Chandra Rathore & Mr. Rajeshwar Puran** attended a seminar organized by Mathworks named as "MATLAB and Simulink for Engineering Education" on 2nd August, 2013 in Patna.

Papers/ Book Chapters / Referred Proceedings Published

- **Mr. Nemi Chandra Rathore** published a journal entitled Improved Clustering Protocol for Delay Minimization, Priyank Gour, Bhagwan Sahay Meena, Vishal Jain & Neeraj Jain, International Journal of Computer Networking, Wireless and Mobile Communications, ISSN(P): 2250-1568; ISSN(E): 2278 – 9448, Vol. 3, Issue 5, Dec 2013, 41-48

Centre for Psychological Sciences

- **Ms Das Ambika Bharti** completed 65th Orientation programme (secured Grade 'A') at UGC Academic Staff College, Patna University, Patna from November 23, 2013 to December 20, 2013.

ACTIVITIES IN CENTRES / DEPARTMENTS

- ◆ Delivered a lecture on "Emotional Growth with Assertiveness" at the seminar on World Mental Health Day organised by Centre for Psychological Sciences, CUB, Patna on October 10, 2013.
- ◆ Completed Basic training part-I on Eye Movement Desensitization and Reprocessing (EMDR), from EMDR Association of India with support from Humanitarian Assistance Programme (HAP, USA) in collaboration with Samvedna: Centre for neuropsychological rehabilitation & mental well-being during August 24-26, 2013.

Papers/ Book Chapters / Referred Proceedings Published

- **Maheshwari S. & Singh P.** (2013), presented a paper entitled "Examining how Academic Achievement of Indian Undergraduate Student is shaped by various forms of Capital" at 10th Biennial Conference of Asian Association of Social Psychology in Yogyakarta, Indonesia during August 21-24, 2013.
 - ◆ Presented a paper entitled "Revisiting Terror Management Theory in Elderly Hindu Kalpvasis (Pilgrims)" at 10th Biennial Conference of Asian Association of Social Psychology in Yogyakarta, Indonesia during August 21-24, 2013.
 - ◆ Presented a paper entitled "Helping Behaviour in Presence of Others: Can Others Makes us more Helpful?" at XXIIIrd Annual convention of National Academy of Psychology-India, Rourkela, India during December 13-15, 2013.
- **Manglam, M. K. & Das, A.** (2013). International peer-review indexed journal entitled "Verbal learning and memory and psychopathology in schizophrenia" published in Asian Journal of Psychiatry, 6 (5), 417-420.
 - ◆ Rani, A., & **Manglam, M. K.** (2013) – paper entitled "Depression, anxiety, stress and suicidal ideas in adolescent victims of human trafficking and sexual abuse in a sheltered home at Ranchi, India" was presented at XXIIIth Annual Convention of National Academy of Psychology at National Institute of Technology, Rourkela during December 13 - 15, 2013.

Centre for Sociological Studies

Papers/ Book Chapters / Referred Proceedings Published

- **Dr. Haresh Narayan Pandey** – presented a paper entitled "Public Sphere and Globalisation" on behalf

of 39th ISS National Conference in RC-1 (Theory, Concept and Methodology) held at Karnataka State Open University in Mysore during December 27-29, 2013.

- ◆ Paper entitled "Globalization and Village Identity" has been accepted to present on behalf of the 18th International sociological Association (ISA) World Congress in RC-14 (Sociology of Communication, Knowledge & Culture) Roundtable II, "New Media Facing Today's Unequal World" to be held in Yokohama during July 13th – 19th 2014.

Centre for Political Studies

- **Dr. Sumit Kumar Pathak** delivered a lecture entitled 'Emerging Role of Civil Society in Indian State and Politics' on October 23, 2013 at CUB Gaya Campus.

Papers/ Book Chapters / Referred Proceedings Published

- **Dr. Pranav Kumar**, presented a paper entitled, "Churning of Eastern Africa's Maritime Sphere: Opportunities and Challenges for India" at Annual International Studies Convention 2013 held at School of International Studies JNU, New Delhi during December 10-12, 2013.

Centre for Economic Studies and Policies

- **Prof. Aseem Srivatsava** delivered a lecture series on "Churning the Earth: The making of Global India" organised at the Central University of Bihar during August 5-7, 2013.

- ◆ Delivered two lectures on i) Analytical Framework and Formulation of Research Problems ii) Reviewing Debates and Identifying Research Gaps as part of a 10 Day Course on Research Methods in Social Sciences and Computer Applications at A.N. Sinha Institute of Social Studies, Patna during November 19 - 28, 2013.

- **Mr. Atish Kumar Dash** participated in the Roundtable on "Global Economic Outlook and Leading Economic Index for India" held on 27th September, 2013 at FICCI, New Delhi.

- **Prof. Sunil Ray** delivered lectures on " (1)Reviewing debates and identifying research gaps and(2) developing Hypothesis" in a Three week Training course on Research methods and computer Application in social science' during 6th September, 2013. The course was organised by A.N. Sinha Institute of Social Studies, Patna.

ACTIVITIES IN CENTRES / DEPARTMENTS

- ◆ Delivered two lectures on 1) Analytical Framework and Formulation of Research Problems 2) Reviewing Debates and Identifying Research Gaps, in the 10 Day Course on Research Methods in Social Sciences and Computer Applications at A.N. Sinha Institute of Social Studies, Patna during November 19 to 28, 2013.

Papers/ Book Chapters / Referred Proceedings Published

- **Prof. Sunil Ray** the paper entitled "Who Gains when a Poor Kills another Poor?: Reminiscing the Past and Reflecting the Present" published in MAINSTREAM, VOL LII NO 1, DECEMBER 28, 2013 - ANNUAL 2013.
- **Dr. Tophan Patra** presented a paper on "Effects of Liberalisation and Globalisation on Growth of Firms: A Study of Indian Automobile Industry" in Golden Jubilee Conference of the Indian Econometric Society during December 22 - 24, 2013 held at IGIDR, Mumbai.

School of Law and Governance Gaya

Papers/ Book Chapters / Referred Proceedings Published

- **Dr. Pradip Kumar Das** – Legal Protection of Traditional Cultural Expressions in India: A Review published as Book Chapter with ISBN in December 2013.
- ◆ "Human Rights perspective of Intellectual Property: An Overview" published in Indian Human Rights Law Review; R. Cambay & Company Private Ltd.; Vol.4, No.-2, Dec.-2013, Page No.-157[ISSN 2230-7036].
- ◆ "Legal Protection of Traditional Cultural Expressions or Folklore in India: An appraisal" published in SHODH PRERAK in Vol. No. III, Issue 3, July 2013 [a Multidisciplinary Quarterly International Refereed Research Journal], ISSN NO. 2231-413X.

School of Languages and Literature

भारतीय भाषा केंद्र (हिंदी)

- श्री अनुज लुगुन ने जुलाई 2013 में जवाहरलाल नेहरू विश्वविद्यालय में 'आदिवासी-साहित्य' विषय पर आयोजित राष्ट्रीय सेमिनार में "आदिवासी जीवन दर्शन और मुंडारी गीत" शीर्षक में शोध-पत्र प्रस्तुति किया।

- ◆ अगस्त 2013 में हैदराबाद केन्द्रीय विश्वविद्यालय में 'स्वाधीनता आन्दोलन और आदिवासी साहित्य' विषय पर आयोजित राष्ट्रीय सेमिनार में "स्वाधीनता आन्दोलन और मुंडारी साहित्य" शीर्षक में शोध-पत्र प्रस्तुति किया।
- ◆ महात्मा गाँधी अंतर्राष्ट्रीय हिंदी विश्वविद्यालय, वर्द्धा में आयोजित 'कृत्या अंतर्राष्ट्रीय कविता सम्मलेन-2013 में भाग लिया और कविता पाठ किया।
- ◆ कविता 'धान के खेत' द पब्लिक एजेंडा -2013, के साहित्य विशेषांक में प्रकाशित हुई।

Centre for Foreign Languages (English)

Papers/ Book Chapters / Referred Proceedings Published

- **Mr. Suresh Kurapati** - written a chapter in a book named as Dalit Hindu Narratives (ISBN 978-81-898630-79-9)-2013
- **Ms. Beauty Yadav** got a research article published - Name of the Journal- "Wisdom Herald An International Research Journal of SITBS ISSN No. 22311483 Vol. III No. 4 Title- Problematic Portrayal of Identity in Amitava Kumar's Passport Photos.
- **Mr. Ashish Kr. Pathak** got an article published, entitled "T. S. Eliot's Approach to Shakespeare with Special Reference to Hamlet", in An Anthology Twentieth Century British Literature: Reconstructing Literary Sensibility (ISBN 978-93-81030-47-9) by GNOSIS, Author Press, Delhi. India, pp. 274-289.
- ◆ Reviewed the book 'Criticism and Culture' authored by Rajnath. The book review published in the 50th volume of the Indian Journal of English Studies, 2013.

Centre for Development Studies

- **Mr. Aditya Mohanty** attended Third Summer School on Comparative Urban Studies, held at Humboldt University, Berlin during August 17, 2013 to September 03, 2013 under the Fellowship scheme of Research Committee 21 (RC21) of the International Sociology Association, the International Journal of Urban and Regional Research (IJURR) and the Foundation for Urban and Regional Studies (FURS).

SCHOOLS AND CENTRES / DEPARTMENTS

Twelve Master Programmes at Patna

- **School of Earth, Biological & Environmental Sciences**
 - ❖ Centre for Biological Sciences
 - M.Sc. in Biotechnology
 - M.Sc. in Bioinformatics
 - M.Sc. in Life Science
 - ❖ Centre for Environmental Sciences
 - M.Sc. in Environmental Science
- **School of Social Sciences & Policy**
 - ❖ Centre for Development Studies
 - M.A. in Development Studies
 - ❖ Centre for Economic Studies & Policies
 - M.A. in Economics
- **School of Human Sciences**
 - ❖ Centre for Psychological Sciences
 - M.A. in Psychology
- **School of Media, Arts and Aesthetics**
 - ❖ Centre for Mass Communication & Media
 - M.A. in Communication & Media Studies
- **School of Mathematics, Statistics & Computer Science**
 - ❖ Department of Computer Science
 - M.Tech. in Computer Science
 - M.Sc. in Computer Science
 - ❖ Department of Mathematics
 - M.Sc. in Mathematics
 - ❖ Department of Statistics
 - M.Sc. in Statistics

Master Programmes at Gaya (2013-2014)

- **School of Languages & Literature**
 - ❖ Centre for Foreign Languages (English)
 - M.A. in English
 - ❖ Centre for Indian Languages (Hindi)
 - M.A. in Hindi
- **School of Social Sciences & Policy**
 - ❖ Centre for Sociological Studies
 - M.A. in Sociology
 - ❖ Centre for Political Studies
 - M.A. in Political Science & International Relations

Five-Year-Integrated Law (5 Years/10 Semesters) at Gaya

- **School of Law and Governance**
 - ❖ B.A.LLB (Hons), BSc.LLB (Hons)
 - Integrated Under Graduate

Four-Year-Integrated Dual Degree (4 Years / 8 Semesters) at Gaya

- **School of Education**
 - ❖ B.A. B.Ed., BSc. B.Ed.
 - Integrated Under Graduate