



Mahatma Gandhi Central University Bihar

[Established by an Act of Parliament]

TempCamp, Zila School Campus, Motihari-845 401, District: East Champaran, Bihar

The First Foundation Week 'Navankur-2017'

Mahatma Gandhi Central University Bihar came into existence on 3 February 2016 with the assumption of charge of its First Vice-Chancellor Prof. (Dr) Arvind Agrawal. In order to commemorate the completion of one year of its coming into existence, the University organised a week-long cultural festival as a part of its first Foundation Week named *Navankur*, 2017.

The one week celebration was the culmination of the efforts of the students, faculty and non-teaching staff who decorated the campus like a demi-paradise, and offered a bouquet of programmes in form of theatre, music, dance, documentary and others. *Navankur-2017* also provided a platform to students to showcase their talents through various competitions like



Solo Song, Solo Dance, Declamation, Debate, Just a Minute and Painting etc. The Annual Sports Meet also formed a part of *Navankur-2017* as did a Literary Evening where the best of the budding poets of the campus enthralled the audience with their magic of words. 03 February 2017 marked the final and closing night of the ceremony with spectacular performances of the students each outshining the other. The University hosted an array of dignified guests from all walks of society during *Navankur-2017* like, Shri Radha Mohan Singh, Hon'ble Union Agriculture Minister, Shri Arshad Ali, Additional District Magistrate, East Champaran and Shri Bhupendra Kainthola, Director, Film and Television Institute of India among others.

Message from the Chief Editor

On 3rd February 2016, Prof. (Dr) Arvind Agrawal assumed the office of the first Vice-Chancellor of Mahatma Gandhi Central University Bihar at a time when the University had neither a single teaching faculty nor a single non-teaching staff. Marking the historical day, the University organised its first foundation week, named *Navankur* 2017. *Navankur* represents the first sprouting of a plant which symbolizes the inception of this University which has immense possibilities in the future. The month long preparations of students as well faculty bore fruit in this

event which showcased the talents of the students in diverse genres of creativity such as dance, drama, music, theatre, arts and crafts. Hon'ble Union Minister of Agriculture and Farmers Welfare, Shri Radha Mohan Singhji as well as Shri Bhupendra Kainthola, Director, Film & Television Institute of India, Pune graced the occasion by their auspicious presence on 29 January 2017 and 03 February 2017 respectively and appreciated the efforts of the students in presenting such spectacular cultural performances.

During the event, the University also awarded the meritorious students who scored highest marks in their respective disciplines in the Mid-Semester examinations and those who secured highest attendance.

This edition of *Parisar Pratibimb* is a tribute to those students and faculty who put in their untiring efforts in making the event a grand success and realising the immense potential within them.

asutosh pradhan

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Raising the Curtain: Navankur-2017 Inaugurated

Navankur-2017, the First Foundation Week was formally inaugurated on 29 January 2017. The Chief Guest for the Inauguration Ceremony was Hon'ble Union Minister of Agriculture and Farmers Welfare, Shri Radha Mohan Singh ji.

The celebrations and grandeur of inauguration began with the welcoming of the Chief Guest by Hon'ble Vice Chancellor of the University. Hon'ble Minister presented the University with two air conditioned vehicles on this occasion. Some other dignified members of Civil Society like members of Rotary Club, Chamber of Commerce, local MLCs, officials of District Administration and some members of academic council of the University also graced the occasion with their presence.



The evening began with the ceremonial lighting of the lamp and floral welcome of all the dignitaries. In his formal welcome address, Hon'ble Vice-Chancellor Prof. (Dr) Arvind Aggrawal stressed upon the significance of the support and guidance that the University has received from the Union Agriculture and Farmers' Welfare minister. He also expressed his optimism in the matter pertaining to the land acquisition for the University. Further he talked about various MOUs the University had signed with different educational institutes like, the La Sapienza University of Rome and AIIMS, Patna, thus stressing upon the mutual academic support that the University shall share with these institutions.

The revered chief guest of the evening Shri Radha Mohan Singh in his address congratulated the University on the successful completion of one year of its establishment. He also assured the University ad-



ministration, of undying support in matters pertaining to land and permanent campus, from the central government. Further, the hon'ble minister also appreciated the transparency adopted in the appointment and admission process of the university in his address. He also appealed to the residents of the district to cooperate with the University and lend their support in the University's smooth operation.

With this, an array of cultural programs put together by the students of MGCUB with the help of the faculty members began. The evening began with a devotional song and dance performance by the students of the university. This was followed by a stage presentation of Bharatendu Harishchandra's acclaimed play 'Andher Nagri', directed by Ms. Sweta, Assistant Professor, Department of Sociology & Social Anthropology. The students of MBA and MSW also staged a short play directed by Dr. Rashmita Ray, Assistant Professor, Department of Interventional Development & Social Work, in the

context of Champaran Satyagraha centenary year, based on the ideals of the Father of the Nation. The main attraction of the evening was the screening of a documentary based on the overview of the journey of the University right from its inception to the present stage. The audience witnessed the hardships faced and the hard work put in by the University Administration in past one year through this documentary which was directed by Dr Vikas Pareek, Dean School of Computer Sciences and Information Technology. The show stopper performance of the evening was a Bhojpuri dance 'Kajri' performed by the students of MGCUB choreographed by Ms. Prerna Bhaduli, Assistant Professor, Department of Political Science.

The celebrations of the evening concluded with an address by Dr Amrendra Tripathi, Dean School of Humanities & Languages who formally expressed gratitude on behalf of the University towards the Hon'ble Minister for gracing the occasion as the chief guest. He also thanked all the other dignitaries present on the occasion and also expressed gratitude towards the members of the media.



Competitive Spirit of MGCUBs

A number of competitions were held in the TempCamp as a part of the celebrations of the Foundation Week. The first rounds of these competitions were held on 28 January 2017 and the second and final were held during the Foundation week.

A Solo-Song competition was organized by Mr Bidhubhushan Mishra, Assistant Professor, Department of Economics & Planning. The competition was judged by Dr Rashmita Ray, Assistant Professor, Department of Interventional Development & Social Work, Dr Neelabh Shrivastava, Assistant Professor, Department of Physics and Dr Urvashi Pareek. A total of ten students participated in the final round of solo-singing competition. The solo-dance competition was organized by Dr Swati Mahonar, Assistant Professor, Department of Biotechnology, Dr Babita Mishra, Assistant Professor, Department of Mathematics and Ms Garima Tiwari, Assistant Professor, Department of Hindi. This competition was judged by Dr Rashmita Ray

Assistant Professor, Department of Interventional Development & Social Work and Ms. Svati, Assistant Professor, Department of Management Sciences. Apart from these extra-curricular competitions, many co-curricular competitions were also held like, Elocution, Debate, Extempore and Quiz Competition.

Debate was organized by Dr Kalyani Hazri, Assistant Professor, Department of English and was judged by Dr Sanjay Kumar, Assistant Professor, Department of Sociology & Social Anthropology, Dr Neelabh Shrivastava, Assistant Professor, Department of Physics and Dr Pratibha Singh, Assistant Professor, Department of Botany. It was based on the theme, 'Whether women reservation is mandatory for women empowerment or not?' An Extempore competition was also organized to boost the public speaking skills and spontaneity in speech making of the students. It was organized by Dr Abhijeet Kumar, Assis-

tant Professor, Department of Chemistry. Dr S K Tripathi, Dean School of Physical & Material Sciences, Ms. Shweta Singh, Assistant Professor, Department of Physics, Mr Mritunjay Kumar Yadavendu, Assistant Professor, Department of Sociology & Social Anthropology and Mr Chandoba Balande, Assistant Professor, Department of English constituted the panel of judges for this competition. A quiz contest to test and hone the general knowledge of the students was also conducted and the responsibility of its organization was taken by Dr Babita Mishra, Assistant Professor, Department of Mathematics. A total of five teams comprising of two students each participated in the quiz who were selected by a preliminary round.

The entire week was studded with these interesting competitions going on simultaneously and students participated whole heartedly with great zeal and enthusiasm in these competitions.



Sports Meet

Mahatma Gandhi Central University
Sport Events
30-31 Jan. 2017
on the occasion of
First Foundation Week

Events

- Badminton
- Chess
- Tug of War
- Short Put
- 100 & 200 Mt. (Sprint)



Mahatma Gandhi Central University Bihar believes in the all around development of its students. Keeping this in view the University always seeks to promote and facilitate its students who have a knack for sports. Sports meet for the students of MGCUB was also a part of the Foundation Week Celebration along with other activities and competitions. The sports meet was inaugurated on 30 January 2017, by hon'ble Vice Chancellor, Prof. (Dr) Arvind Agrawal. Addressing the students and faculty members on this occasion, Prof. Agrawal stressed upon the importance of sports and other extra and co-curricular activities in the life of a student. He also assured the students that he is committed to provide world class stadium with all the modern equipments to facilitate students who want to participate and excel in athletics and

others modern sports. The sports meet was inaugurated by releasing colourful balloons in the sky and a friendly badminton match was also organized between hon'ble Vice Chancellor and deans of Schools of Study of the University. Mr. Amitabh Gyanranjan, Assistant professor, Department of Mathematics, convener of the Sports Committee of MGCUB addressed the students and the faculty members and concluded the ceremony by thanking Prof. Agrawal for inaugurating the sports meet and encouraging the participants and the faculty members in the organizing team.

The following two days witnessed the qualifying, semi-finals and final rounds of different sports badminton, chess, competitions like 100 meter and 200 meter Race, Shot put for men's (16.01 lb) and women's (8.8 lb) and Tug off War for men and women were organized. A number of students across all disciplines and departments participated in the sports meet and showed avid sports spirit.

The winners of Badminton Men's Double were Rajesh and Ravikant from Department of Biotechnology and Women's Double was won by Shreya

from the Department of Biotechnology and Ashvini from the Department of Chemistry. Badminton Men's Single was won by Rajesh from the department of Biotechnology and Women's Single was won by Tripti from the department of Commerce. The final match of Chess Tournament was won by Pallav Shrivastava from Department of Sociology. Men's 100 meter race was won by Satender from Department of Zoology and 200 meter race was won by Neeraj from department of Chemistry. Women's 100 and 200 meter race were won by Rakshita from Department of Botany and Manisha from Department of Sociology, respectively. On the other hand winners of Women's and Men's Shot Put were Supriya from department of Sociology and Rajesh respectively.

All the winners of Sports Meet were awarded during the Closing Ceremony of Foundation Week celebration by Chief Guest Mr Bhupendra Kainthola, Director Film and Television Institute of India, Pune and hon'ble Vice Chancellor, Prof. (Dr) Arvind Agrawal on 3 February 2017.



Literary & Cultural Evening

Another exuberant evening became a part of the week long celebrations of the Foundation Week which was dedicated to showcase the literary talent of the University students and faculty members alike. The Literary Evening was organised on 1 February 2017. Mr Arshad Ali, Additional District Magistrate of East Champaran graced the occasion as the Chief Guest accompanied by Dr Arun Mishra, respected member of the Academic Council of the University, as the special guest of the evening.



by the soldiers of Indian National Army for the country.

Among students, Akanksha from Department of Hindi recited her poem titled, 'Samay Chakra' which outlined the stark differences between Western and Indian concepts. Vivek Kumar recited his poem, 'Gaanv' and through his poem he took the audience to those long forgotten villages which were the identity of our country once. Dhanjit Kumar in his poem title 'Bachpan' spoke about the menace of Child

The program began with a Rajsthani folk song 'haan sa Ganpati ladla'. The formal welcome address was delivered by Hon'ble Vice-chancellor, Prof. (Dr) Arvind Agrawal. In his address he welcomed the Chief Guest, the special guest and all the other dignitaries who attended the programme. Prof Agrawal gave a special acknowledgement to the efforts and supportMr Arshad Ali in setting up of the TempCamp of the University and also acquainted the audience, how Mr Ali had been instrumental in overcoming the initial administrative glitches in acquiring the Zila School Campus. Prof Agrawal also took this opportunity to thank the district administration for its support extended towards the University. On this occasion, budding poets of the University and some faculty members recited their poems in front of the august gathering. Some cultural performances were also presented before the audience amidst the poems in this Literary Cultural Evening.

the special feature of this poem was that he had woven the names of 67 faculty members of the University in this poem and used clever puns to inspire the faculty and the students. Dr Shreedhar Satyakam, Assistant Professor, Department of Economics & Planning, through his poem titled 'Jhuko Mat' stressed upon the importance of self esteem and the need to uphold the same against paltry material achievements. Ms Sweta, Assistant Professor, Department of Sociology & Social Anthropology recited an emotional and motivational poem titled, 'Kartavya', outlining the sacrifices made

Labour and how we have led down our great leaders like Gandhi, Nehru and Ambedkar because of such malpractices. The audience of this literary evening savoured many such thought provoking and enchanting poems and many cultural performances as well. The students of the university also staged an adaptation Shakespeare's famous play 'Merchant of Venice', directed by Mr Umesh Patra, Assistant Professor, Department of English. The show stopper performance of this evening was a power packed Bhangra performed by the boys of MGCUB which was choreographed by Dr Urvashi Pareek, who had been instrumental in preparing students of the University for the cultural performances during the foundation week celebrations. The winners of Debate, Elocution, Extempore and Quiz competition were also awarded on this occasion

Dr Digvijay Phukan, Assistant professor, Department of Interventional Development and Social Work, recited his beautifully worded poem 'Bapu Kay Shaavak'



In the end , Dr Amrendra Tripathi, Convenor Cultural Committee concluded the evening with his address in which he thanked the Chief Guest, special guest and other dignitaries for having spared time for the university and gracing the occasion with their presence.



Closing Ceremony: Cultural Festival at MGCUB

The Foundation Day of Mahatma Gandhi Central University, 3 February 2017, was celebrated as the final show of the Foundation Week Celebration with great splendor and extravaganza. Mr Bhupendra Kainthola, Director, Film & Television Institute of India, Pune adorned the occasion by being the Chief Guest of the evening. A formal welcome address to all the guests and dignitaries present on the occasion was delivered by Prof. Asutosh Pradhan, Academic Coordinator, MGCUB. In his welcome address, he introduced the Chief Guest of the evening to the audience and the special guests, Mr Arnim Agrawal and Ms Vidhi Agrawal, son and daughter-in-law of Hon'ble Vice Chancellor of MGCUB.

The evening began with the ceremonial lighting of the lamp by revered guests and Hon'ble Vice-Chancellor of the University precisely at 4:15 PM in order to commemorate the exact moment when the University came into existence one year ago with the assumption of Charge by hon'ble Vice Chancellor Prof. (Dr) Arvind Agrawal.

The cultural evening began with a devotional song following which a string of kaleidoscopic cultural performances were presented on the stage which included folk and cultural dance forms of different states of India, solo and group songs, theatrical performances and innovative theme dances, by the students of the University.

The native Bhojpuri dance 'Kajri' showcasing the ethnicity and culture of Bihar was performed by the students of MGCUB. Two energetic folk dance



forms of Rajasthan 'Ghoomar' and 'Kalbelia' featured on the stage oozed enthusiasm and energy and compelled the audience to tap their feet along. 'Bhangra' the power packed folk dance of Punjab was performed with perfection by the boys of MGCUB and their vibrant costumes made the performance flawless. Another folk dance performed on this evening was 'Kulluvi Nat' belonging to the state of Himachal Pradesh. It was performed by the students of MBA and MSW with beautifully coordinated and synchronized dance moves. The evening was also embellished with some tuneful and melodious singing performance including devotional songs, motivational songs and a medley of famous Bollywood numbers. An innovative costume dance called 'the Puppet dance' was also performed by the students in which the students were dressed as puppets and it gave an illusion as if giant puppets were dancing on the stage, this performance was applauded by the audience

to a great extent. Two theatrical performances, one Hindi play based on the well-known drama 'Andher Nagri' written by Bharatendu Harishchandra and an adaptation of Shakespeare's 'Merchant of Venice' were also the two main attractions of the event. The show stopper performance of this cultural extravaganza was a patriotic theme based dance performance which was so impactful that it imbued a feeling of patriotism in the environment and the performance received a standing ovation from the audience. The cultural performances were followed by the prize distribution ceremony. The winners of various competitions held during the Foundation Week and the competitions organized by the office of Dean Students' Welfare were awarded in this ceremony. The meritorious students of the University and the students holding hundred highest attendance records in their respective disciplines were also awarded by the Chief Guest and the hon'ble Vice-Chancellor.

The Chief Guest of the event Mr Bhupendra Kainthola, in his address, appreciated the efforts of the students in putting together such flawless cultural and artistic performances and he acknowledged that the talent of the students of MGCUB was no less than that of Film and Television Institute of India. He also outlined the significance of MOU that the two institutes were to sign and how the students of both the institutes would be benefited out of this MOU. He thanked the Vice-Chancellor of MGCUB for inviting him and also thanked the University for the hospitality he had received.



Faculty Achievements in the Month of February

Paper Published by Dr Bhanu Pratap Singh

Dr Bhanu Pratap Singh, Assistant Professor, Department of Economics & Planning co-authored a paper published in Indian Journal of Economics and Development. The title of the paper is, 'Nexus of Economic Growth and Public Expenditure in India'. The paper focuses on examining the long run equilibrium relationship among economic growth, public expenditure and inflation in Indian context.

This paper goes on to establish that in the short run economic growth causes rise in public expenditure and a rise in public expenditure creates inflationary pressure on the economy. The adjoining picture shoes the abstract of the paper published in the journal.



Invited Lecture by Dr Abhijeet Kumar



Dr Abhijeet Kumar, Assistant Professor, Department of Chemistry delivered an invited lecture on 'Role of Organic Synthesis and Biotechnology in Drug Discovery'. He delivered this lecture in a seminar on 'Recent Advances in Biotechnology Sector' organized by M.G. Institute of Management & Technology, affiliated to GBTU, Lucknow, Uttar Pradesh, on 7 February 2017.

In his lecture, Dr Abhijeet spoke about different synthetic methodology especially the synthesis of a library of biologically active molecules such as flavones, insoflavones, etc., using cross-coupling reactions, and also about the various phases and challenges involved in the development of these organic compounds to the marketable drug molecule.

Invited Speaker in International Conference



Dr Arttatrana Pal, Associate Professor, Department of Botany, delivered a lecture as the invited speaker in an International Conference on "Mitochondria in Health and Disease" at Jawaharlal Nehru University, New Delhi, held from 10-11 February 2017. Dr Pal spoke on Exploiting IRF-3 signaling via tuberin/mTOR pathway: Oxidative stress mediated mitochondrial dysfunction and diabetic retinopathy.

In his lecture he spoke about the Retinal degeneration due to oxidative stress as an underlying

cause of many visual diseases, including diabetic retinopathy. He explained about his own research results which demonstrate that hyperglycemia-induced oxidative free radicals accumulation in retinal cells function as key regulatory machineries for mitochondrial stress regulated inflammation, and retinal degeneration. Elevating cellular antioxidant capacity and restoring IRF-3 signaling via mTOR pathways may be an effective therapeutic modality to reduce neuronal complications in diabetic retinopathy.

Invited Lecture by Faculty

Dr Devdutt Chaturvedi, Associate Professor, Department of Chemistry, delivered an invited lecture at a conference organized by ISCB SRM University, Chennai in month of February, 2017. In his talk, Dr. Chaturvedi has focused on the developments of various efficient and novel synthetic methodologies for the syntheses of carbamates, carbonates, and related compounds employing carbon dioxide is cheap and safe alternative eliminating the use of harmful reagents such as CO and COCl₂.



LOGO of MGCUB and its Concept Note



Concept note on Charkha

The concept behind the Logo of Mahatma Gandhi Central University Bihar (MGCUB) is derived from the *Charkha*, an iconic symbol representing Mahatma Gandhi. The Charkha is wrapped in tricolour yarn spun by its dynamic activities, symbolizing our national flag, thereby making it a University of national importance. Charkha (form of wheel) is a symbolic representation for the progress and growth. The spinning wheel has been used metaphorically to signify the transformation of raw material into a productive material that fabricates our society. This represents the national unity, dynamism and progress.

The colour of Charkha is depicted in indigo blue connoting the first public movement against colonial rule by Mahatma Gandhi, the Champaran movement (Indigo Movement) which is one of the significant events of the region. The foundation year of the University marks the centenary year of this famous Indigo Movement. The design is an abstraction of the Charkha and the national movement.

In addition to the above concepts, the design also represents the glowing/sun/star in the middle. Sun is the source of energy connoting to the source of knowledge. Charkha is shown with eight spokes denoting spreading of knowledge and wisdom in all eight directions adding to the slogan of the University. In summary, the Logo features the concept of:

- Charkha (Symbolism of Gandhiji and wheel of life that generates yarn to weave our society besides national movement)
- Sun (the primary source of all life forms & knowledge)
- Champaran Movement (specific event that illustrates the first Satyagraha of Gandhiji against the oppressive colonial regime and also signifies the local cultural context)
- Shining Star and white inward arrows in Charkha pointing towards the Centre (people coming together from every direction and converting into shining stars through quality education)
- Cardinal Directions (Spreading knowledge in all directions)
- Self Determination & Self-Reliance

Concept note on Theme/Philosophy

The First Alphabets of 'Mahatma Gandhi Central University, Bihar' – 'MGCUB' are taken as basics for the Logo.

Following Educational/Cultural Elements are represented in creating the MGCUB Logo

1. The Building Foundation – Design of ancient Nalanda University in Bihar
2. Brahmi Numerals (1st Century, India)
3. Tally Marks/Hash Marks, Amongst others, Squares + Dots commonly used in forestry for counting
4. Abacus
5. Scientific symbols including computer chip

Panth Nirpeksh, All Inclusive Character of Logo:

The basic Alphabets of the Logo, representing educational facility (like the Nalanda University) also show 'Openness' for all, imparting and seeking knowledge. Each Alphabet of the Logo has an open space for Entrance, while Lines and Dots connects Students and Gurus. All are welcome to come-in, teach, learn and also to go out and spread the knowledge learnt at MGCUB.

Colours for the Logo

Blue – represents the flow of knowledge which brings prosperity to all along the way, like a river

Green – for the growth through knowledge like the growth of green fields and trees

Saffron – representing Gurus and Shishyas

University Gets its LOGO

Mahatma Gandhi Central University Bihar had sought online entries for participation in its LOGO Designing competition. The last date for the submission of the entries was extended up to 8 February 2017. A total of ninety nine entries were received by forty eight participants from all around the country.

The selection committee for the LOGO comprised of Chairman, Prof. (Dr) Arvind Agrawal, Hon'ble Vice-Chancellor, MGCUB, member secretary, Prof. Asutosh Pradhan, OSD Administration & Academic Coordinator, MGCUB. The three invited members of the committee were, Prof. Chinmay Shesh Mehta, former Professor & Dean, Faculty of Fine Arts, University of Rajasthan, Prof. Douglas John an eminent Scholar from Sir JJ School of Art Mumbai and Prof. Arun Mishra respected member of the Academic Council of MGCUB.



The committee met on 26 February 2017, to scrutinize the entries and select a LOGO that would be appropriate and in tune with the vision, mission and objectives of the university and that would also represent the vision of secularity and inclusive approach to higher education of the University.

After a prolonged deliberation, the committee selected two entries and decided to club the two, thus the LOGO of the University was born. These selected LOGOs were sent by Dr D Uday Kumar, Associate Professor IIT Guwahati. Dr D Uday Kumar is also famous for designing the LOGO of Indian Rupee. The second LOGO was sent by Mr Alberts Lucius.

The concept note of the LOGO exhaustively includes the vision, mission, objective, spirit of inclusive educations and secularity of the University.