



AU TALK

WHAT'S UP ON AU CAMPUS



- Painted by Dharmendra Kumar, Dept of Visual Arts

STALWARTS



"Each time a woman stands up for herself, without knowing it possibly, without claiming it, she stands up for all women."

up the challenge and became the first woman Governor in the state of Jharkhand in 2015. Notably, madam Murmu lost her husband, two sons, mother and brother in just six years. Irrespective of her loss, which could never be compensated for, she did not take a break and consistently served the nation. The University of Allahabad salutes her for her dedication and commitment.

Along with the celebrations of the 76th independence year, India wrote another chapter of equality with the appointment of Madam Droupadi Murmu as the President of India. When 'the present' in the capital of India was making its place in history, another daughter of incredible India, Prof. Sangita Srivastava, was putting in her earnest efforts to change the fate of the University of Allahabad.

Prof. Sangita Srivastava knows that learning is a treasure that will follow its owner everywhere. At the same time, it is true that the creation of the treasure of learning is not possible without teachers.

So, our visionary ma'am has done what no other vice-chancellor in the history of India could do;

Women empowerment roots in a powerful ideology that needs to be effectuated. Unfortunately, women empowerment is still a phantasm to a great extent for many. It is quite incontrovertible that women are still under the clutches of exploitation and brutality. This phantom is gradually crystallizing into a concrete reality, as the power is slowly shifting into the hands of influential and dynamic women like our Honourable President, Madam Droupadi Murmu, and our visionary Honourable Vice-Chancellor, Prof. Sangita Srivastava. Both of them are always engaged in constructing the silver path for the next generations to achieve their golden destination.

In the rural and tribal interiors of the country, where women struggle to assert their identity and individuality in the patriarchal world, Madam Droupadi Murmu, a charismatic tribal leader, took



She has initiated the process of recruiting 550 teachers in one go. That's commendable and extraordinary! She is a statesperson whose mind is clear that an investment in knowledge pays the best interest. She has much grandeur to her name, and one of the new diamonds on her tiara is the Sunday Standard Devi Award for Dynamism and innovation.

A deterrent lady stood up with a belief that so what, the task is tricky, so what, the path is full of obstructions, so what, it has never been done before, and so what, I am a women, with a countenance full of innocence, she spread this belief that I will make it possible. With the ideology that "Even the greatest were beginners", she came to this university and changed the way that one would ever imagine.

Whenever the history will remember this prestigious university, her name will be taken with tremendous admiration, respect and honour.



High in intellect, humble in attitude,

She toes the line of Ghosha, Lopamudra, and Gargi;

Wisdom from Saraswati, action from Durga,

She enjoys the blessings, and personifies enthusiasm and empathy.

M. N.Saha Space Research Centre

Prof. Sangita Srivastava, Honourable Vice-Chancellor, inaugurated M. N. Saha Space Research Center on 23rd August, where world-class research related to space will be carried out in the state-of-the-art research center. She delivered the inaugural address in the training programme organized under the joint aegis of Center for Material Sciences of Allahabad University and Aligarh Muslim University. A lab of the Center for Material Sciences was also inaugurated.

The Vice Chancellor Ma'am also inaugurated 6 classrooms at M.N. Saha Complex. These classrooms can be jointly used by the Departments of Physics, Biotechnology, Zoology, and Chemistry. The Department of Biotechnology will convert 2 classes in the complex into smart classrooms so that online classes can be conducted there. With the appointment of new teachers, the need for these facilities was felt. Now, these facilities would be fully utilized to ensure quality teaching and research.



Smart Screens Installed at Vivekanand Block

Prof. Srivastava, Honourable Vice Chancellor, unveiled smart screens to display the digital editions of AU Talk at Vivekananda Block on 23rd August.



Department of Geography Goes Smart

On 2nd August, under the aegis of the CSR Initiative of the Muthoot Group in collaboration with the University of Allahabad, a smart classroom was set up; it was inaugurated by Prof. Sangita Srivastava, Honourable Vice Chancellor, in the Department of Geography. This smart classroom is one of its kind in the university; it could be set up only due to the relentless efforts of our Honourable VC. On this



occasion, VC Ma'am reiterated that she was determined to regain the past glory of the university, and she was confident that the quality education being imparted here would produce a robust workforce dedicated to nation-building.



Prof. A. Pandey, Head of Geography, welcomed the guests. Prof A. R. Siddiqui conducted the programme, and Dr A. Chaudhary proposed a vote of thanks. Prof. Harsh Kumar (Proctor), Ms Navi Chauhan (Coordinator of CSR & HR), officials from Muthoot Group, and a large number of students and research scholars graced this occasion.



"Our achievements are shaped by the strength of the foundations we set."

Thank you for your commitment to excellence.

- *Big round of applause for the Office of Controller of Examinations. All the entrance exams & semester exams have been conducted smoothly.*

Mr A.K. Kanojia, Controller of Examination



Office of Controller of Examinations. :Mr A.K. Kanojia, Dr.H.Srivastava, Dr.P.SPundir & Mrs.Upadhyay.

- *A big hand for ICT cell for providing all the support & being the backbone of the online exams.*



Chairman, ICT Cell: Prof A. Khare.

Award for Excellence

Prof. Neelam Yadav was born in Udaipur, Rajasthan, on 7th September 1973. She completed her school education at St. Teresa's School Udaipur. She has her education from diverse organizations. She has done her B.Sc from Rajasthan Agricultural University (Now Maharana Pratap Agricultural University, Udaipur) and M.Sc and PhD from Banaras Hindu University, Varanasi. She started her career as Asst. Professor in 1999 from Allahabad Agricultural Institute (Allahabad), and in 2009, she joined Centre of Food Technology at the University of Allahabad as Reader and was elevated to Professor in 2015. Prof. Neelam Yadav is currently working as the Coordinator, Centre of Food Technology, University of Allahabad. She also served as Director, Institute of Professional Studies, the University of Allahabad, for four years (2016-2020).

She has the distinction of being an erudite teacher, scientist and capable Administrator. She significantly contributed to fostering Food Science and Nutrition education by upgrading the syllabus, introducing new academic programs in the discipline, and serving as an expert at various institutes and organizations.

**Award for Excellence
goes to Prof. Neelam
Yadav**



Fig: Potato Flakes Energy Bar

A Patent has been granted to Prof. Neelam Yadav, along with the other scientists, for "Potato Flakes Energy Bars" (Patent No. 402984) by Indian Patent office.

The energy bar is a high-caloric, ready-to-eat (RTE), nutritious food product, targeted to fulfill the quick energy requirement of sports persons, athletes, growing children, and chronic energy deficient (CED). It is also capable of combating malnutrition issues in children. The bar can also be used as a ready-to-eat food as a substitute meal for the armed forces, especially in adverse conditions. The developed product is a shelf-stable energy bar with the good sensory quality and a high textural score. The novelty and inventive step of the invention resides in the composition of the developed product. A major component of the bar is potato flakes prepared from the Kufri Frysona variety. Potato, being a popular and rich source of carbohydrates and minerals, has a bland taste. A high glycemic index was chosen as a major ingredient of the energy bar. The bar has also showed good consumer acceptability.

Research Pursuits

Prof. Yadav is working as the Executive Director of NABL accredited “Food Analysis and Research Laboratory” at Centre of Food Technology, also a Nodal Lab of FSSAI. She was instrumental in establishing this lab in the year 2013, and currently, the lab has been granted Rs. 4.34 crores for its up gradation. Prof. Yadav also established the local chapter of the Association of Food Scientists and Technologists (India) in 2016. At present, she is working as the President of the Allahabad Chapter.

Her research interests include micronutrients, grain science and value addition. Her research work in the area of iron and zinc has been cited well in various scientific publications. Her current research is focused on the microencapsulation of bioactive compounds and developing coating materials from carbohydrate-based plant materials.

She has 70 A-class publications to her credit. She has edited one book textbook and developed 10 IEC materials. She has been an investigator in 5 projects funded by DST, ICAR, UGC and UP CAR. She is on the editorial board of many journals. She has organized several workshops, training programmes, refresher courses and conferences in her field as a convener and coordinator. She has been invited to present papers at several national and international conferences.

Hobbies



Prof. Yadav loves pets and quickly makes bonds with them. Her hobbies include playing badminton, travelling and gardening.



Prof Yadav is also a Yoga enthusiast.

Department of Political Science

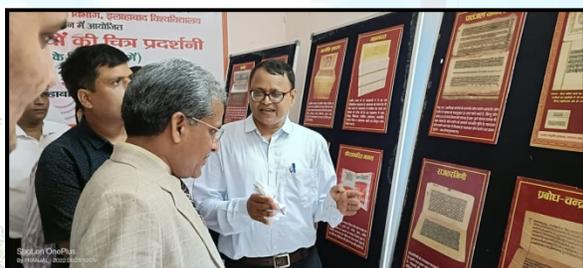
The Department organized a special lecture on 23rd August to mark the 75th anniversary of our independence. The event named "India @75: Videsh Niti Distinguished lecture series" was sponsored by the Ministry of External Affairs, GoI. The keynote speaker was Hon'ble Sri V. Gupta, IFS (Retd.) & Former Ambassador. Mr Gupta is also an alumnus of our university. During his studies at the UoA, he stayed at A. N. Jha hostel and earned the degrees of B. Sc. & M. Sc. (Physics) in 1974. Prof. Pankaj Kumar, Head of the Department, welcomed all the guests. Prof. Sangita Srivastava, Honourable Vice Chancellor, addressed the students.



The lecture, which was enthusiastically attended and appreciated, ended with the vote of thanks proposed by the chairperson of Pt. Deendayal Upadhyaya Chair, Prof. Madhurendra Kumar.

Department of Medieval & Modern History

On 28th August, a national seminar was jointly organized under the aegis of Sant Kabir Academy, Maghar (Ministry of Culture), UP, and the Department of Medieval and Modern History at Tilak Bhawan. "Sant Kabir- History, Social Memory & Legacy" was the theme of the seminar. Shri Surya Prakash Kesharwani, Hon'ble Justice of Allahabad High Court, was the chief guest of the inaugural session, while Shri Prem Prakash, Additional Director General of Police, Uttar Pradesh, graced the cultural evening. The organizer of the programme was Prof. Alok Prasad, Head of the Medieval & Modern History Department. The preliminary remarks were given by Prof. Lalit Joshi, and the keynote address was given by Prof. Rajendra Kumar, Prof. Pankaj Kumar, Head of the Department and Dean, CDC, was also present at the event.



The organizer of the seminar, Prof. Alok, expressed his gratitude to the Ministry of Culture (Uttar Pradesh) and said that the seminar on Sant Kabir is very relevant in modern times. The state government has given a good message of social cohesion by setting up Kabir Academy. The seminar was attended by Dr Amrita, Dr Kumar Birendra, Prof. Heramb Chaturvedi, Prof. Rameshwar Bahuguna, Prof. P.L. Vishwakarma, Prof. Vrinda Paranjpe (BHU), Prof. Ashish Saxena, Prof. Bharathidas, Prof. Ghanshyam (BHU), Prof.

Anuradha Agrawal, Prof. Mohan Mohan Krishna, Prof. H S Upadhaya and more than 350 students from various educational institutions of the country.

Centre of Materials Sciences

On 23rd August 2022, Prof. Sangita Srivastava, Honourable Vice Chancellor, inaugurated a DST-funded STUTI programme ('Synergistic Training Program Utilizing the Scientific and Technological Infrastructure') on "Advanced Research Instruments" at the Centre of Material Sciences. This course was meant to train the faculty members and research scholars to utilize Sophisticated Scientific and Technological Infrastructure available at different Centers throughout India. Several participants from Mumbai, Mangalore, Varanasi, Patna, Dehradun, Delhi, etc., attended the programme. Prof. K. A. Suresh, an eminent Scientist from Raman Research Institute (Bangalore) and Former Director of Centre for Nano and Soft Matter Sciences (CeNS, Bangalore), was the chief guest of the programme. The Coordinator of the Centre of Materials Sciences and Convener of STUTI programme, Prof Ravindra Dhar, presented the details of the STUTI programme. Prof. Shekhar Srivastava (Director IIDS & Dean Faculty of Science), Prof. S. I. Rizvi (Dean, Research & Development), various Heads of the Departments, Coordinators of the Centres, faculty members, participants and students were present on this occasion.



Prof. K. A. Suresh Delivered two talks: one on X-ray Diffraction Techniques and the other on the Scanning Electron Microscope (SEM), Transmission Electron Microscope (TEM) and Atomic Force Microscope (AFM). Prof. Sangita Srivastava, Honourable Vice Chancellor, spoke about the scientific journey of Prof. Meghnad Saha during her presidential address.



Hon'ble Vice Chancellor along with Prof. Suresh formally inaugurated XRD Facility, given to the

Centre of Materials Sciences under the FIST programme of DST, New Delhi.

सेन्टर ऑफ मीडिया स्टडीज

फोटोग्राफी की दुनिया में बहुत तेजी से परिवर्तन आया है, लेकिन आज भी बेहतर फोटोग्राफ वही खींच सकता है, जिसके पास दृश्यों को देखने की बेहतर दृष्टि हो। हम ऐसे समय में हैं, जब सभी के पास कैमरे हैं और सभी फोटोग्राफी कर रहे हैं। विज्ञान और कला का इतना बेहतर समन्वय अब से पहले कभी नहीं देखा गया था। यह बात इलाहाबाद विश्वविद्यालय के अंग्रेजी विभाग के अध्यक्ष व सेन्टर ऑफ मीडिया स्टडीज के कोऑर्डिनेटर प्रोफेसर संजय दत्ता राय ने कही। प्रोफेसर दत्ता राय सेन्टर ऑफ मीडिया स्टडीज द्वारा विश्व फोटोग्राफी दिवस की पूर्व संध्या पर आयोजित कार्यक्रम को सम्बोधित कर रहे थे। कार्यक्रम के प्रारम्भ में सेन्टर के कोर्स कोऑर्डिनेटर डा० धनंजय चोपड़ा ने कहा कि विश्व फोटोग्राफी दिवस की इस बार की वैश्विक थीम लाॅकडाउन के दृश्योंको रखा गया।



कार्यक्रम का संचालन करते हुए सेन्टर के फोटो पत्रकारिता अध्यापक एस.के. यादव ने विश्व फोटोग्राफी दिवस की प्रासंगिकता पर प्रकाश डाला और अतिथियों के प्रति आभार व्यक्त किया।

संस्कृत, पालि, प्राकृत एवं प्राच्य भाषा विभाग

संस्कृत, पालि, प्राकृत एवं प्राच्य भाषा विभाग, के द्वारा "संस्कृत सप्ताह" का समापन समारोह दिनांक 24/08/2022 को किया गया। कार्यक्रम का आरम्भ दीप प्रज्वलन व सरस्वती की प्रतिमा पर माल्यार्पण द्वारा हुआ। पं. गङ्गानाथ झा पीठ के अध्यक्ष प्रो. उमाकान्त यादव ने पुरस्कृत छात्र-छात्राओं की प्रशंसा करते हुए कहा कि शास्त्रीय प्रतियोगिताएं न केवल व्यक्तित्व का विकास करती हैं अपितु विषय ज्ञान को भी समृद्ध करती हैं।



डॉ. विनोद कुमार ने विशिष्ट व्याख्यान प्रस्तुत करते हुए कहा कि भारतीय संस्कृति उत्सव प्रधान संस्कृति है। कार्यक्रम में विभागीय आचार्य प्रो. प्रयाग नारायण मिश्र एवं उपाचार्या डॉ. निरुपमा त्रिपाठी की गरिमा मयी उपस्थिति रही। कार्यक्रम की अध्यक्षता प्रो. राम सेवक दुबे ने की। कार्यक्रम का संचालन डॉ. रेनू कोछड़ शर्मा ने किया तथा शान्ति पाठ के द्वारा संस्कृत सप्ताह समारोह सम्पन्न हुआ।

Center for Theatre & Films

The final-semester students from the Center for Theater & Films are directing short films (ten minutes each). Film direction and production are an

integral part of their course. The movies focus on contemporary social issues. One of the students is working on a music video; another is working on a play based on a story written by Late Smt. Mannu Bhandari, a renowned author. The production and shooting of the film(s)/music video/play are being done on the AU campus. Once their production is complete, they will be screened in the department.

सेन्टर ऑफ मीडिया स्टडीज

25.8.2022 को आजादी का अमृत महोत्सव के अन्तर्गत सम्पन्न हुई विभिन्न प्रतियोगिताओं के विजेताओं को पुरस्कृत करने के लिए आयोजित कार्यक्रम। आजादी का अमृत महोत्सव हमें अपनी सृजन क्षमताओं को और मजबूत करने का अवसर दे रहा है। यह बात इंस्टीट्यूट ऑफ प्रोफेशनल स्टडीज, इलाहाबाद विश्वविद्यालय की निदेशक प्रोफेसर मोना खरे ने कही। प्रोफेसर खरे सेन्टर ऑफ मीडिया स्टडीज में आजादी का अमृत महोत्सव के अन्तर्गत सम्पन्न हुई विभिन्न प्रतियोगिताओं के विजेताओं को पुरस्कृत करने के लिए आयोजित कार्यक्रम को सम्बोधित कर रही थीं। प्रारम्भ में सेन्टर के कोर्स कोऑर्डिनेटर डा० धनंजय चोपड़ा ने सभी का स्वागत करते हुए सेन्टर की गतिविधियों की जानकारी दी। कार्यक्रम में पुरस्कृत हुयी शाॅर्ट फिल्म, ऑडियो प्रोडक्शन, फोटोग्राफ्स तथा समूह गान की प्रस्तुति की

गयी। इस अवसर पर सेन्टर के कोऑर्डिनेटर प्रोफेसर संजय दत्ता राॅय ने कहा कि मीडिया का क्षेत्र लगातार विस्तार ले रहा है और विद्यार्थियों के लिए ढेर सारी सम्भावनाएं प्रस्तुत कर रहा है।



इस अवसर पर निदेशक प्रोफेसर मोना खरे ने विभिन्न प्रतियोगिताओं के प्रतिभागियों को पुरस्कार व प्रमाणपत्र देकर सम्मानित किया गया। इस अवसर पर सेन्टर के अध्यापक व स्टाॅफ सदस्य एस.के. यादव, विद्यासागर मिश्र, सचिन मेहरोत्रा, अमित मौर्या, प्रियंका मिश्रा, डा ऋतु माथुर, प्रमोद शर्मा, उमेश यादव, जितेन्द्र सिंह यादव सहित बड़ी संख्या में विद्यार्थी उपस्थित थे।

9th Faculty Induction Programme

The 9th Faculty Induction Programme was organized by the UGC-Human Resource Development Centre, the University of Allahabad, under the GURU DAKSHTA scheme of the University Grants Commission. The inaugural session was held online

on 25th August 2022. The Chief Guest of the occasion was Prof. Neelima Gupta (Hon'ble Vice-Chancellor, Dr Hari Singh Gour University, Sagar). The session was presided over by Prof. Sangita Srivastava, Honourable Vice-Chancellor, University of Allahabad. The programme began with the formal welcome address by Prof. Ashish Saxena, Director, UGC-Human Resource Development Centre, University of Allahabad. In her inaugural speech, Prof Neelima Gupta discussed the role of multidisciplinary education and the advantages and disadvantages of online teaching and learning. In the presidential address, Prof. Sangita Srivastava deliberated upon the aspects of science, new knowledge, spirituality and the need for holistic learning and up gradation of knowledge. She emphasized the role of practical experiences in developing professionalism and a value system. She also focused on the development of personality with will power, humility and fearlessness. Her lively deliberation was full of practicality and indigenous wisdom.



The Coordinator of the 9th Faculty Induction Programme, Dr Vijay Kumar Roy, provided a

broader outline and schedule of the programme that was followed by the vote of thanks by Dr Sudhanshu Kumar Jha, Assistant Director, UGC-HRDC. The programme was attended by participants from different parts of the country.

Clean-Green Campus

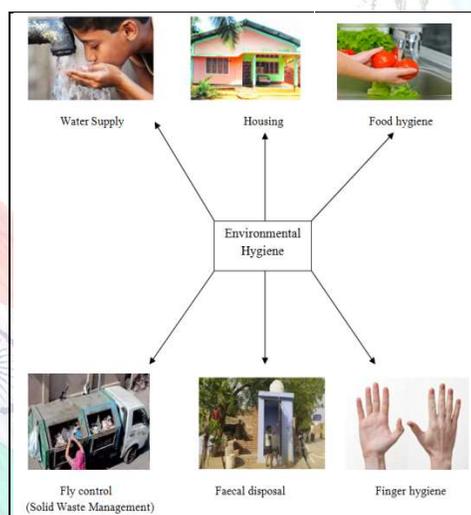
Environmental Hygiene: An Effective Tool for Physical and Psychosocial Wellbeing

- Dr Priya Keshari
Assistant Professor
Department of Family and Community Sciences

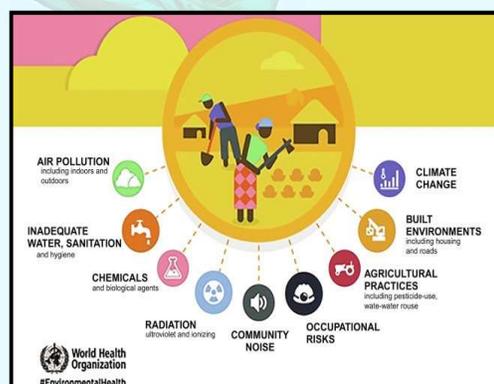
Hygiene is crucial to human health and wellbeing. It contributes to livelihoods and dignity; it also helps to create resilient communities living in healthy environments. Inadequate hygiene and sanitation practices are the underlying factors for various communicable diseases. The immediate surroundings (viz., Biological, Physical and Social) of an individual have a strong bearing on his physical and psychosocial wellbeing. They include clean water supply, human and animal waste disposal, protection of food from contamination and provision of healthy housing, etc.

Environmental hygiene and cleanliness are the virtues that have prevailed since time immemorial. The environmental hygiene refers to use of preventive and control measures to improve the basic environmental conditions affecting human health. It includes clean water supply, human and animal waste disposal, protection of food from contamination and provision of healthy housing etc

Components of the Environmental Hygiene:



Factors affecting Environmental Hygiene:



Conclusion:

The environmental hygiene and sanitation have potential to prevent and reduce global disease burden and deaths due to related communicable diseases. Improved drinking water supply, contamination free food, safe waste disposal and the simple act of hand washing can prevent the occurrence of several communicable diseases. The legislative approach abides people to follow the laws and acts. Service approach provides facilities to people and educational approach make people aware about their rights and adverse consequences of not maintaining environmental hygiene. Combination of these approaches can make a difference.

Editorial Board

AU TALK shares details about various activities and events organized by the university departments. It is specifically prepared for in-house circulation.

AU TALK is a fortnightly newsletter; it publishes news items related to departmental activities, achievements and accomplishments, green-clean campus, publications, patents, monographs, major projects, seminars, conferences and creative write-ups, etc.

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To get any news item published in the next edition of AU TALK, kindly email the write-up with at least one relevant picture to:

vizianagramcurator.au@gmail.com

Pictures added with the write-up should be geotagged. Geotagging of each photograph is mandatory.

Book of the Fortnight

*"The more that you read, the more things you will know.
The more that you learn, the more places you'll go."
— Dr. Seuss*

➤ *Good to Great by Jim Collins*



Prevention from COVID



If you have any queries, please feel free to contact the editorial board.