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Dayalbagh Educational Institute (Deemed University)

# DEI news

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## Diamond Jubilee Memorial Lecture -2020



In the latest edition of the DEI Diamond Jubilee Memorial Lecture series, Prof. Spenta Rustum Wadia delivered the Lecture at the Convocation Hall of DEI on February 29, 2020. Prof. Wadia is a theoretical physicist who has made important contributions to string theory and quantum field theory over the course of his distinguished career. He has served as Founding Director of the International Centre for Theoretical Sciences, Bengaluru, and as a Distinguished Professor at the Tata Institute of Fundamental Research, Mumbai. He is a Fellow of the Indian National Science Academy, the National Academy of Sciences, and the Indian Academy of Sciences and is the recipient of several international awards, including the prestigious TWAS (The World Academy of Sciences, Trieste, Italy) Physics Prize in 2004 and the Steven Weinberg Prize of ICTP (International Centre for Theoretical Physics, Trieste, Italy) in 1995.

The title of Prof. Wadia's talk was "Black

Holes : Beacons in our search for a quantum theory of space-time and gravity". The abstract of the talk is as follows :

*This talk is about the evolution of our ideas of space, time and gravity in Newtonian physics and their radical modification by Einstein's special and general theories of relativity. A deeper transformation was brought about by quantum mechanics. Black holes are solutions of Einstein's equations and exist in nature. They form an ideal laboratory to study and discover the quantum structure of space-time. In particular Hawking's famous work on black holes illustrates a contradiction with the laws of quantum mechanics, called the "Information Paradox" that physicists have grappled with for over 45 years and discovered new objects and deep structures in String Theory that are poised to resolve the paradox.*

The talk was greatly appreciated by all. Revered Prof. Prem Saran Satsangi Sahab, Emeritus Chairman, Advisory Committee on



Education, Dayalbagh Educational Institutions, made several remarks after the talk, which are available on the DEI website, and suggested the possibility that string theory could be extended from 10 to 14 dimensions.

Prof. Wadia visited DEI with his wife Dr. Leena Wadia, from 27<sup>th</sup> February to 2<sup>nd</sup> March, 2020. They were given a detailed tour of the myriad of educational activities at DEI, with

special emphasis on the vocational programmes. This included visits to (i-c-n-c) TALL, Bal Shiksha Kendra (Nagla Haveli), the Prem Vidyalaya Atal Tinkering Lab, the bio-diversity parks, the digital manufacturing lab, and many other labs of the institute. They said they were particularly impressed by the free medical camp which they visited on Sunday morning.

## MoU Signed Between DEI and CSIR Indian Institute of Toxicology Research, Lucknow



Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra and CSIR-Indian Institute of Toxicology Research, Lucknow signed a Memorandum of Understanding (MoU) on 17<sup>th</sup> February, 2020 at DEI main Campus, Dayalbagh, Agra.

Prof. P.S. Satsangi, Emeritus Chairman, Advisory Committee on Education, graced the occasion and spoke about Dayalbagh Science of Consciousness and Dayalbagh Way of Life. Prof. P.K. Kalra, Director, Dayalbagh Educational Institute and Prof. Alok Dhawan, Director, CSIR-Indian Institute of Toxicology Research signed the MoU. Mr. Prem Prashant, President, DEI, Prof. V.B. Gupta, Chairman, Advisory Committee on Education, Prof. Vibha Rani

Satsangi, Dean, Faculty of Science, Prof. Sahab Dass, Head, Department of Chemistry were also present. Delegation of CSIR-IITR included Dr. K.C. Khulbe, of Research Planning and Business Development Division and Dr. R. Parthasarathi, Principal Scientist, Centre for Innovation and Translational Research. Under the MoU Dayalbagh Educational Institute and Indian Institute of Toxicological Research will collaborate in research and development, internship and training and other mutual programmes of common interest. Prof. Alok Dhawan, Director, CSIR-IITR suggested framing joint research proposals on local problems with international solutions.

## Science Day Celebrated at DEI

The Faculty of Science celebrated Science Day on 28<sup>th</sup> February, 2020, with a special lecture by Dr. Leena Chandran Wadia, held in Convocation Hall of the Institute. Dr. Leena Chandran Wadia is a Senior Fellow at the Observer Research Foundation, Mumbai, and engages in research and policy advocacy in the

areas of education, renewable energy, public health, and sustainable agriculture. She has a Ph.D in Physics from IISc Bangalore and served as a researcher at several research institutions including, ETH Zurich, EPF Lausanne, and CERN in Switzerland. She gave a talk on the topic “Education Policy of India for the Coming



Decade.” In this connection it is to be noted that Dr. Leena Chandran Wadia has contributed to the preparation of India’s new National

Education Policy as member of both the research team and the drafting committee led by Dr. Kasturirangan.



## Fit India Movement Organized at DEI

Under the banner of *Fit India Movement*, sports competitions were organized for the entire staff of the Institute on 1<sup>st</sup> March, 2020. The events included were; 2000 mt. Race for Men and Women, Cricket Match, Throw-Ball and Tug of War in which the members of staff enthusiastically participated in large numbers. The Conveners of the event were Shri. S.D.

Sinha, Shri. Parampreet Singh and Shri. Sampuran Singh. Prof. P.K. Kalra, the Director of Institute, gave away Prizes to the winners of the competitions. Prof. G.S. Tyagi, Sports Officer, DEI along with the Sports teachers, Shri. Rajan Bedi and Smt. Rakesh Bedi, encouraged the participants by their motivational speeches.



## Annual Drama Festival Organized

The Annual Drama Festival of DEI was organized from 24-26, February, 2020 in the Convocation Hall of the Institute. This year this event was in a new incarnation as it was jointly hosted by English, Hindi and Sanskrit departments of Faculty of Arts and the competition was opened for the plays in English, Hindi and Sanskrit languages at the same time, under one banner. The audience turned up in large numbers on all three days of the festival to enjoy this immensely stimulating visual treat. The drama lovers thoroughly relished the action-packed performances of the talented students, more so, as the plays of all three languages were

juxtaposed in the programme to provide the varied enjoyment to them on each day of the





event. To encourage the plays in all three languages, the plays of each language were judged separately so that more number of students could get a chance of winning prizes and feel motivated. The purpose of organizing such event was to provide a substantial platform to the students to showcase their creative acumen in the fields of acting, music and stagecraft and also to enhance their management skills. Moreover, the success of the event proved that true art could never be confined by the limitations of languages.

During this event, Seventeen plays, five of English, eight of Hindi and four of Sanskrit language, were performed. The Best Production prizes were won by St. John's College (English), Faculty of Engineering (Hindi) and Faculty of Arts (Sanskrit) while the Best Direction prizes were awarded to Faculty of Arts (English), Faculty of Engineering (Hindi) and Faculty of



Arts (Sanskrit).

The members of the Jury for the event were Mr. Vinay Patsariya, Dr. Priyam Ankit and Dr. Beena Gupta. Dr. Sonal Singh, Dr. Dayal Pyari Sinha and Dr. Nandini Raghuwanshi were the conveners of the event.

## Faculty News

### ARTS FACULTY

An institutional visit to The Tears Institute for Mentally Handicapped and Ram Lal Old Age Home was organized on 7 February, 2020 for B.Sc. Honours, M.Sc. Home Science (Human Development) students and Ph. D. Scholars with specialization in Human Development. The visit was intended to develop insight among students regarding the functioning of special need institute and role of old age home as a family substitution institute. In Tears Institute, students observed intellectually disabled children participating in various activities like morning prayer and exercise session, individualized classroom activities, dancing, physiotherapy, occupational therapy and vocational training session. The queries of students regarding special children were answered by special teachers.

In Ram Lal Old Age Home, the Director of

the institute himself addressed the students regarding the purpose of Old Age Home, the criteria for admission and the facilities provided for the elderly, housed in the Old Age Home. The students interacted with the elderly inmates and listened to their experiences. The visit was a part of the curriculum of Human Development courses taken by Dr. Richa Verma, Dr. Madhulika Sharma and Hemlata Chand.

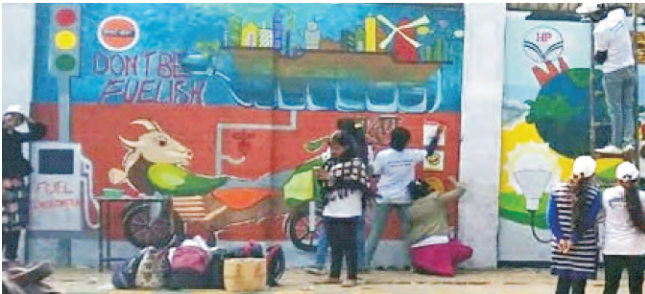
Under the UGC remedial coaching and NET coaching scheme, Department of Sanskrit organised a lecture series on Sanskrit grammar on 20 Feb., 2020. Dr. Rajendra Dave, Head, Sanskrit Department, K.M. Institute of Hindi and Bhasha Vigyan Vidyapeeth, delivered a special lecture on this occasion. Prof. Agam Kulshrestha, Head, Deptt. of Sanskrit, DEI, also shared her views on the topic. Dr. Nishit Gaur convened this programme and Dr. Pooja delivered the vote of thanks.





An educational tour to explore INDIA ART FAIR 2020 at Okhla, Delhi on 2<sup>nd</sup> February, 2020 was organised by the Department of Drawing & Painting. Students got a good exposure to the contemporary art scenario through the exhibits.

The Department of Drawing & Painting organised a 7-day workshop on Painting with eminent Russian artist Mr. Victor Safranov as the subject expert and resource person from 24<sup>th</sup> February to 1<sup>st</sup> March, 2020. Mr. Safranov also gave an informative lecture on 'Elements of Composition' with practical inputs. The workshop was indeed beneficial for all the participants.



### Staff News :

Prof. Neelu Sharma, Department of Music, received 'Academy Puruskaar' in Tabla Vadan Shetra from Sangeet Natak Academy, Lucknow, on 13<sup>th</sup> Feb., 2020. This award was conferred on her by Honourable Governor of Uttar Pradesh, Her Excellency Smt. Anandiben Patel.



### Students' Achievement :

A team of 6 Research scholars of the Department of Drawing & Painting won second prize in a Wall Painting competition organised by Petroleum Conservation Research Association (PCRA) in the first week of February 2020. They received a cheque of Rs. 10,000/- as award and certificates.



### EDUCATION FACULTY

Five Two-Day workshops on "Fundamentals of Artificial Intelligence in Education" was organised by Centre for Artificial Intelligence, School of Education, Dayalbagh Educational Institute under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching, MHRD, Govt. of India. The first workshop was organized at Agra Public Teachers Training College, Artoni, Agra on 3<sup>rd</sup> and 4<sup>th</sup> January, 2020. The workshop convener was Dr. Neetu Singh (Assistant Professor, Deptt. of Pedagogical Sciences) and Mrs R. Jeyam (Assistant Professor, Deptt. of Pedagogical Sciences). Total 97 participants (Teacher Educators, University Teachers, School Teachers and Pre-service Teachers) attended this workshop. Mr. Mahesh Chandra Sharma was the chief guest.



The second Two-Day workshop was organised at Anand Engineering College, Keetham, Agra on 10<sup>th</sup>-11<sup>th</sup> January, 2020. The workshop convener was Dr. Neha Jain (Assistant Professor, Deptt. of Pedagogical Sciences) and Dr. Neetu Singh (Assistant Professor, Deptt. of Pedagogical Sciences). Total 98 participants (Teacher Educators, University Teachers, School Teachers and Pre-service Teachers) attended this workshop.



The third Two-Day workshop was organized at Faculty of Education, St. John's College, Agra on 16<sup>th</sup> and 17<sup>th</sup> Jan 2020. The workshop was convened by Mrs R Jeyam (Convener) and Dr Neha Jain (Co-Convener), Assistant Professors from Faculty of Education. The total number of participants was 80. Prof. S. P. Singh, Principal, St. John's College, Agra, was the Chief Guest.



The fourth workshop was organized on 24<sup>th</sup> & 25<sup>th</sup> January, 2020 at District Institute of Education & Training (DIET), Balrampur. Workshop was inaugurated by Principal DIET Balrampur Shree Vishnu Shyam Dwivedi. Mr. Bajarang Bhushan (Assistant Professor) from Dayalbagh Educational Institute, Agra, Dr.

Saurabh Dixit (Assistant Professor) and Professor A.K. Dwivedi from Central Institute of Plastic Engineering & Technology (CIPET), Lucknow were the resource persons. Total participation in the workshop was 109. Dr. Nagendra Nath Yadav, SDM (Sub District Magistrate), Sadar, Balrampur was the Chief Guest.



Again on 27&28 January, 2020 the workshop on "Fundamentals of Artificial Intelligence in Education" was organized at City Academy Degree College, Lucknow. Workshop was inaugurated by the Director, City Academy Degree College, Lucknow Dr. Mamta Srivastava. Mr. Bajarang Bhushan (Assistant Professor) from Dayalbagh Educational Institute, Agra, Dr. Saurabh Dixit (Assistant Professor) and Professor A.K. Dwivedi from Central Institute of Plastic Engineering & Technology (CIPET), Lucknow were the resource persons for the workshop. Total participation in the workshop was 165. Prof. Dinesh Kumar, Professor, Chief Proctor & Superintendent of Works, University of Lucknow, Lucknow chaired the closing session.



A lecture was organized by the centre of KART, School of Education (SoE) Project under the aegis of PanditMadan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) scheme of MHRD on 6<sup>th</sup> January 2020 under the patronage of Faculty of Education, DEI. The chief speaker of the programme was Prof. Dhaneswar Harichandan,



Principal Investigator, e-PG Pathshala project of UGC in Adult Education, Institute of Distance and Open Learning, University of Mumbai Vidyanagari, Mumbai. Prof. Harichandan talked about the expansion of open and distance learning in last few decades and the need of e-content preparation.



#### Staff News :

Prof. Archana Kapoor participated in the National Consultative meet on Critical Role of Central Universities in Transforming Teacher Education organized by the Department of School and Non formal Education, National Institute of Educational Planning and Administration (NIEPA) during 20-21 January, 2020 at IHC New Delhi. She also delivered a talk on “e-Education and its tools: A step towards Digital India” in National Faculty Development Programme organized by Department of Zoology, Agra College Agra and Ministry of Electronics and Information Technology, GOI on 9 January, 2020.

Prof. Savita Srivastava was invited as a resource person to deliver a talk on the new initiatives of New Education Policy 2019 draft on 18<sup>th</sup> Feb., 2020 at St. John’s College Agra.

Dr. Amit Gautam was invited as the resource person to deliver lectures on Mobile Application and Blended Learning in teaching and Learning in 2<sup>nd</sup> National Workshop on “Blended Learning approach for Teacher Educators” and “One-month Faculty Development Programme (FDP) for Assistant Professors” organized by School of Education, Mahatma Gandhi Antarrashtriya Hindi Vishwvidyalaya, Wardha, Maharashtra under the scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt of India on 27 Feb 2020. He also acted as resource person in the TIER-II National workshop on Teaching Learning Resources for

Science and Social Science Teachers in Higher Education organized by the National Resource Centre for Education, National Institute of Educational Planning and Administration (NIEPA) during January 15-16, 2020 at NIEPA, New Delhi.

Dr. Gautam was also the Invited Speaker in the Session entitled “Continuing Professional Development of Teachers through Blended Learning Approach” in National Faculty Development Programme on e-Education and its tools: A step towards digital India organized by Department of Zoology, Agra College Agra and Ministry of Electronics and Information Technology, GOI on 9 Jan., 2020.

## COMMERCE FACULTY

#### Student’ Achievements :

Niharika Singh, B.Com. 1st Sem. participated in Poetry Slam and secured 2nd position in gyan jyoti 2K20, the Annual techno cultural fest held at Hindustan College of Science and Technology, Farah, Mathura on 5 March, 2020



## SCIENCE FACULTY

#### Staff News :

Dr. Arun Pratap Sikarwar, Assistant Professor at Department of Zoology, was invited as a Resource Person by UGC-HRDC of Jawaharlal Nehru University (JNU), New Delhi, to deliver two lectures on 9<sup>th</sup> March, 2020. He delivered the lecture entitled “A tell-tale of human Brain Memory and its importance for a cognitive mind” to the participants of 117<sup>th</sup> Orientation Programme for regular Assistant Professors of various Universities of India, and another lecture entitled “Memoir of Human Brain Memory, an important faculty of Mind” to the participants of 4<sup>th</sup> National Interaction Programme for Ph.D. and Postdoctoral Scholars in Social Sciences & Humanities.



## NSS Activities During COVID-19 Pandemic

In order to bring awareness among the people, a large number of banners, posters etc. have been put in different public places by NSS Unit DEI, Dayalbagh, to help people identify the symptoms of Corona virus and learn measures for prevention. The information related to Corona virus infection was made available to the nearby villagers through the Medical Camp (8<sup>th</sup> March 2020). The easy method of making the hand sanitizer at home was shared with the public through the newspapers. The NSS Unit also made efforts to spread the messages for success of 'Janata Curfew' with the help of students and volunteers. POs, students and volunteers of NSS worked from home for continuously spreading awareness through posters (Ritu Sharma, Poorvi Verma, Manvi Jain, Anjili Sishodia, Sakshi Bansal, Lavi Gupta, Nitin Yadav,), speech/ poetry

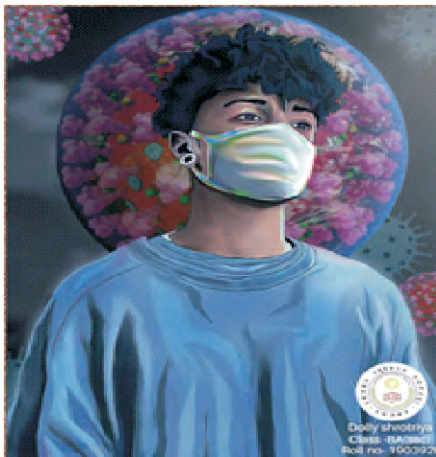
(Saurabh Satsangi, Shubham Samarthya), slogans (Nitin Yadav), Braj folk songs (Visheshtha Sharma), Bhojpuri Geet (Saurabh Satsangi) through social sites and media during Lockdown. Dolly Shrotriya has made digital painting to spread the message of safety from COVID-19. About 25 videos have been made and uploaded on YouTube/Twitter (Visheshtha Sharma, Manvi Jain, Saurabh Satsangi, Niharika, Ankita Shivhare, Nandani Goswami, Aakarsha Setia, Mushkan Mohan, Nitin Yadav, Pooja Verma, Sanskar Shivhare, Dr. Akbar Ali, Dr. Nishith Gaur) which have received good response from public. A number of articles/News pieces/messages/appeal for protection from COVID-19 given by Dr. Saurabh Mani (Coordinator, NSS), Dr. Ranjit Kumar (Programme Officer, NSS) and other POs have been published in various modes of print media.



Public awareness on protection from Coronavirus by NSS volunteers.



NSS-DEI made villagers aware to fight against corona virus during medical camp on 8<sup>th</sup> March 2020.



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