

Dr. Rama Devi, Director
Skill Education, BHU, 1
Visits DEI

Visit of Regional Director,
University of Edinburgh 1
Organized

Yoga Day Celebrated at DEI 2
Tri-partite Certificate
Distribution Ceremony Held 2
Indo-US workshop on
"Climate Resilience" Organized 3

Faculty News 4
NCC Activities 8
Meeting with University
of South Pacific 8



Dayalbagh Educational Institute (Deemed University)

DEI news

July 2019 No. 34

Dr. Rama Devi, Director Skill Education, BHU, Visits DEI

Dr. Rama Devi, Director Skill Education, BHU, visited Dayalbagh Educational Institute on 15 & 16 July 2019. Interestingly, her visit coincided with the celebrations of 'World Skill Day' on 15 July 2019 at DEI. She visited DEI skill courses and observed the outcome of skilling at DEI 'Jugaad' venue, where the students sell their products to get hands-on experience for product development and marketing besides earning their pocket money.

Dr. Rama Devi was extremely impressed to witness the DEI skill model and expressed her desire to sign an MoU with DEI very soon.



Visit of Regional Director, University of Edinburgh Organized

Ms. Amrita Sadarangani, Regional Director, University of Edinburgh, visited Dayalbagh Educational Institute on Monday, July 08, 2019. The purpose of the visit was to explore collaborative opportunities between DEI and the University of Edinburgh - including student and

faculty exchange, research and academic collaboration. The Regional Director is responsible for University of Edinburgh's partnerships, profile, networks, opportunities in South Asia and leads strategic engagement across the region.





Yoga Day Celebrated at DEI



Under the aegis of N.S.S. Cell of DEI, the fifth International Yoga Day was celebrated on 21 June 2019 at the Science Faculty Ground of the Institute. The event commenced with the prayer. Thereafter Yoga experts Mrs. Sangita Sinha, Dr. S.D. Sinha and Mr. Abhinav Sinha taught the various postures of Yoga to the large gathering. DEI Students then rendered N.S.S. *Lakshya Geet* and University Song. Shri Ajay Veer Singh, Deputy Director, Social Welfare Department, Govt. of Uttar Pradesh, was the Chief Guest on the occasion. In his address Shri Singh made the gathering aware of the benefits of Yoga and stressed on its daily practice.

Yoga experts Dr. Arti Kapoor and Prof. Sriramamurthi also spoke about the importance of practising Yoga and talked about its connection with not only the body but the mind as well.

Towards the end, the Chief Guest gave the prizes to the winners of the written test, Km. Dhun Adhaar, Km. Jubilee, Km. Yashasvi Bhardwaj, Darshan Saini and Mrs. Asha. Prof. P.K. Kalra, Director, DEI, Prof. Anand Mohan, Registrar, DEI, the Deans of different Faculties and various officials of NSS graced the occasion by their presence.

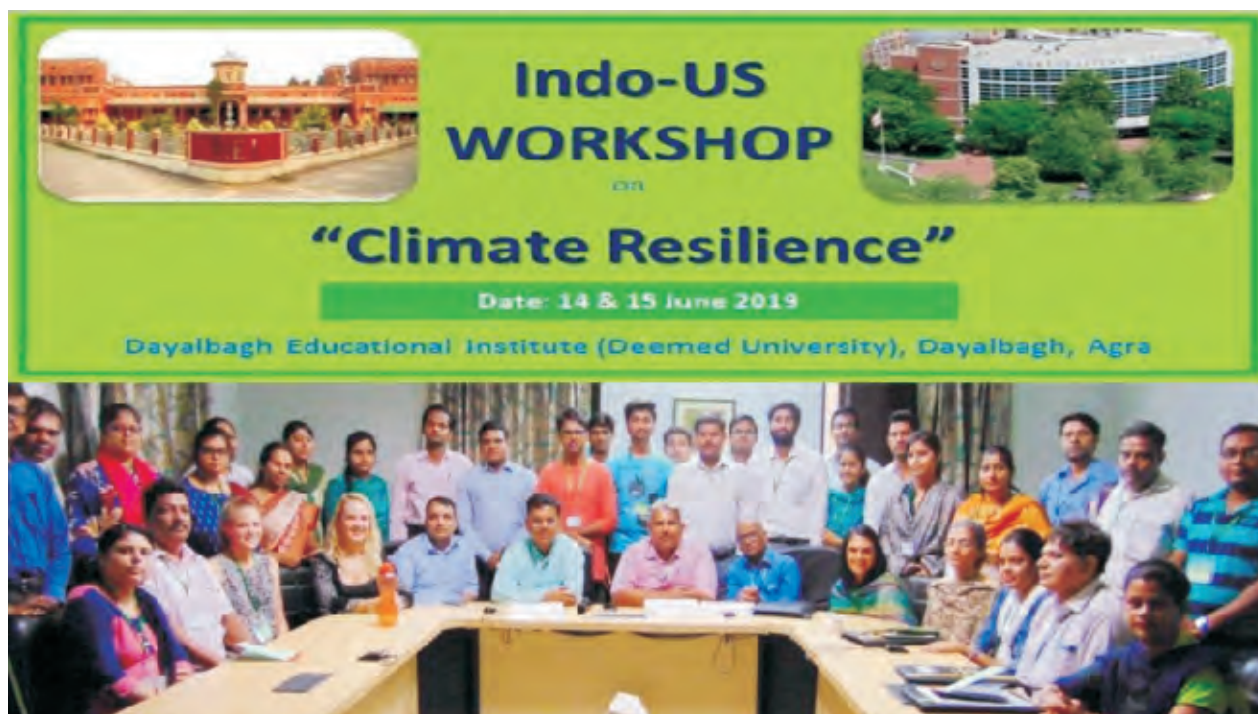
Tri-partite Certificate Distribution Ceremony Held



Seneca College of Applied Arts and Technology is a multiple-campus public college located in the Greater Toronto Area of Ontario, Canada and is one of the largest vocational education provider in the province. An MoU between DEI and Seneca College was signed in February 2018 and during the session 2018-19 joint courses through videoconferencing and online collaborative learning tools were offered

to students at Seneca College, DEI main campus and the ICT campus of DEI at Rajaborari. Students who successfully completed the coursework and the associated projects in inter-continental teams were awarded certificates at a three-way videoconferencing ceremony on July 15, 2019. A student from the Rajaborari tribal campus and the course mentor have also been invited to visit Seneca College, Canada.

Indo-US workshop on “Climate Resilience” Organized



Dayalbagh Educational Institute, Dayalbagh, Agra, and Northeastern University, Boston, USA jointly held an INDO-US workshop focused on “Climate Resilience” at DEI, Dayalbagh, Agra at the Conference room, Seminar Hall Complex from 14-15 June 2019. The mentors of this workshop were Dr. Ranjit Kumar, Department of Chemistry, Faculty of Science, DEI, and Dr. Auroop Ratan Ganguly, Northeastern University, Boston, USA. Dr. Ranjit Kumar addressed the audience and chaired the Inaugural session of the workshop. Dr. Ganugly gave the Inaugural Talk entitled, “Intelligent climate adaptation and resilient engineering (I-CARE)”. The other speakers of this session were Prof. K. Maharaj Kumari, Dr. Ranjit Kumar, Dr. Ashok Jangid, Ms. Pratima Gupta, all from DEI, Dr. D. M. Chate, Senior Scientist, IITM, Pune and Ms. Riddhi Samtani, Northeastern University.

The 2nd day of the Workshop started with the welcome remarks of Dr. Ranjit Kumar. The first speaker was Kate Marie Duffy from USA. Other speakers were, Mary Elizabeth Warner from USA and Dr. Sona Dixit and Prof. D. Bhagwan Das from DEI. After these four talks, a very active session was held in capacity building. Prof Auroop Ratan Ganguly led this session and

appreciated that Dayalbagh Educational Institute is making such constructive efforts for its students.

A panel discussion was organized during the workshop on 15 June 2019. The main theme of the panel discussion was “Can India’s Air be Clean? Dr. Ranjit Kumar, Department of Chemistry was the Coordinator of the panel discussion. Dr. A.R. Ganguly, Northeastern University and Dr. Dilip Motiram Chate from Indian Institute of Technology were also on the Panel. Other people who took part in the discussion were, Dr. Bhuvnesh Singhal, Dr. Vijay Jha, Dr. Soumya Sinha, Ms. Deeksha, Mr. Saurabh Satsangi, Ms. Pratima Gupta, Mr. Veer Kumar, Mr. Dharendra Singh of M/s Airshed and Mr. Amit Saxena of M/s. Mars Bioanalytical, New Delhi.

The last session of the workshop included presentation by representatives of the well established industrial partners viz.; M/s. AIRSHED, Kanpur, Alfatech Technologies, New Delhi and MARS Bioanalytical, New Delhi, that are working in the field of Air quality monitoring. They demonstrated the instruments and shared their views and experiences in the area of Start-up projects.



FACULTY NEWS

Miscellaneous

Dr. K. Soami Daya, Prof. Nidhi Sharma, Dr. Seema Kashyap and Dr. Purnima Bhatnagar attended UGC SPARC Orientation Programme at New Delhi on 11 June 2019.

The 2nd edition of the Scheme for Promotion of Academic and Research Collaboration (SPARC) is expected to be launched in August 2019. It is aimed at improving the research ecosystem of India's higher educational institutions by facilitating academic and research collaborations between Indian institutions and the best institutions in the world from 28 selected nations to jointly solve problems of national and international relevance.

Faculty of Arts

Dr Madhulika Gautam presented an oral paper entitled 'Creating awareness among rural men regarding the effect of excessive alcohol consumption on health' at 4th International Conference on Innovative Approaches in Applied Sciences and Technologies during 25-29 June 2019 at University of Kuala Lumpur, Malaysia.



Faculty of Education

Workshop on Fundamentals of Artificial Intelligence

A Ten-day Workshop on 'Fundamentals of Artificial Intelligence' organized by the School of Education (SoE) Project under the aegis of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) scheme of MHRD was organized from 22-31 May, 2019. The Workshop began with the

Inaugural address by Prof. Gur Saran Adhar, Professor, University of North Carolina on the topic, 'Artificial Intelligence-In the service of Education' dealing with the various paradigms of Artificial Intelligence. He discussed the AI techniques of Supervised and Unsupervised Learning, Cluster Analysis, Association, etc. and how they supplement the teaching process. In the first session, Dr Manu Pratap Singh, Department of Computer Science, Dr. B R Ambedkar



University, Agra, discussed the recent developments in Information Technology and the various applications of AI like; Natural Language Understanding, Visual Scene Analysis, Common Sense reasoning, Action Planning, Expert Problem Solving and Learning. In the concluding session the essential components of an AI system were explained with practical examples. The Workshop envisaged an orientation towards the field of AI and its applications in the Education System. 160 Participants included 31 enthusiastic School Teachers, Teacher Educators and Students and Staff of the University. The other sessions included interactive discussions on Ethics of AI, Machine Learning, Data Analysis, Robotics and other applications of AI to Teaching. The workshop was convened by Dr Neha Jain and Ms. Mugdha Sharma under the Centre for Artificial Intelligence, School of Education, DEI.

Workshop on Integrating Puppetry in Teaching-Learning- A Fun way to Learn

A five-day National workshop on 'Puppetry and its Integration with Teaching-Learning' was

organised by Faculty of Education, DEI, School of Education under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT) from June 3 to 7, 2019. The workshop was inaugurated by Ms. Beenu, Deputy Commissioner, Income Tax, Agra on 3rd June 2019. Prof. Archana Kapoor, Dean Faculty of Education, DEI welcomed the guests and Prof. Nandita Satsangee, Coordinator, SoE explained the objectives of the School of Education. The Keynote speaker Mr. R. K. Pandey, Principal, Delhi Public School Agra deliberated on “CBSE initiatives for integration of Arts in Education”. In the first three days, experts recommended by Centre for Cultural Resource and Training (CCRT), New Delhi, trained the participants in the construction and application of various forms of Puppetry. Mr. Pramod Kumar Sharma, Graphic Assistant, from CIET, NCERT, Delhi exhibited the use of puppets in awareness drives, constructing puppets out of waste materials, newspapers and used tins and plastics. Mrs. Vandana Gupta, a freelance artist and founder of Pratyaksha Theatre, also working with CCRT, Delhi,

demonstrated details of making shadow puppets, their movements behind the screen and their presentation using the screen, lights and voice modulation. Mr. O.P. Sharma from CCRT Delhi, a nationally and internationally recognized trainer in mask making and puppetry art form, displayed various kinds of masks such as face - mask, eye mask and head mask and also discussed their purpose in classroom teaching. Dr. Kalpana Gupta and Dr. Shweta Agarwal, Assistant Professors in Education, DEI, gave a combined presentation on ‘orientation to puppetry and its future’

On day four, the participants, divided into groups, presented their lessons from NCERT text books prepared with the integration of puppetry. Social Science and English lessons were demonstrated by Ms. Neeta Verma (Govt. teacher and master trainer in AIL) and Dr. Kavita Varma, Principal, Faculty of Education GLA University, Mathura. This was followed by a role- play puppetry act by the organizers highlighting the value of ‘Fatherhood of God and Brotherhood of Man’. Prof. Archana Kapoor, Dean, Faculty of Education, DEI expressed her views on the reinforcing power of using puppetry in the teaching- learning process. On day five, Dr. Rajesh Kumar Saini (Assistant Professor, Department of Performing Arts, theatre and drama in Mewar University, Chittorgarh) discussed the theoretical and practical aspects of puppetry art form. He emphasized synchronization and voice modulation in puppetry. In the post lunch session Dr. Mudit Pandey (MPS Vedic University, Ujjain) gave a presentation on ‘Voice modulation technique and puppetry’. The valedictory talk was delivered by Dr. Rajesh Kumar Saini. Prof. N.P. S. Chandel, Head, Dept. of MEd., Faculty of Education, DEI delivered the Vote of Thanks. The workshop was convened by Dr Sona Dixit and Dr Anjana Verma. 260 participants including 115 in -service teachers and 145 pre-service teachers enthusiastically practised making and working of puppets, masks, preparing puppet based lesson plans and their applications in classroom.





Staff News

● Dr Kalpana Gupta acted as a resource person in a Five day workshop on 'Art Integrated teaching learning for In -service teachers in Rajni Public Senior Secondary School, Dibai district Bulandshahr, UP from 8th June to 12th June 2019. She also acted as a resource person in the Five-day Yoga Camp organised by Bharat Vikas Parishad and Mahila Samiti, Dibai, Bulandshahr in the same period.

● Dr Kalpana Gupta was honoured with 'Vidhya Vibhuti Samman' for her contribution in the field of Education by Akhil Bhartiya Sarva Bhasha Sanskrit Samanvaya Samiti during Andaman Sahitya Mahotsav on 13th June 2019. The programme was organized in hotel Vedant, Port Blair, Andaman Nicobar Islands.

● Prof. NPS Chandel has been nominated as the Member of working Group for Curriculum of existing Teacher Education Programmes constituted within the National Council for Teacher Education (NCTE) New Delhi. He attended the 2nd meeting of working group for curriculum of existing Teacher Education Programme constituted within NCTE organized from 9-10 July 2019 at NCTE Head quarters, New Delhi.

Faculty of Science

Student's Achievement

Anam Saifi, Final year student of M.Sc. Physics participated in the summer school programme (SSP-2019) of Institute for Plasma



Research, Bhat, Gandhinagar (an Autonomous Institute of Department of Atomic Energy, Govt. of India). She won First Prize for the poster presentation which was based on her research project titled "Detection of Faulty Location as well as Measurement of Degree of Fault of RF Transmission Line for Plasma Current Start-up Experiment"

Staff News

Dr. Arun Pratap Sikarwar, Assistant Professor, Department of Zoology, Faculty of Science has been invited to serve as Honorary Secretary of Dr. A.P.J. Abdul Kalam Centre, New Delhi, which aims to create and implement mission-mode projects along with the vision of Dr. A.P.J. Abdul Kalam, the 11th President of India for creating liveable planet and sustainable development.



Professor Sukhdev Roy of the Department of Physics and Computer Science, delivered the Inaugural Plenary talk titled, "Bioengineered Natural Photoreceptor Proteins: Novel Molecules for Photonic Applications", and chaired a session at the 5th International Conference and Expo on Biotechnology and Bioengineering, June 17-18, 2019, at London, UK. He participated in the International Conference on Sculpted Light in the Brain, at the Royal Society, London, from June 20-21, 2019 and presented papers at the International Conference on The Science of Consciousness (TSC-2019), held at Interlaken, Switzerland, June 25-28, 2019. He also reviewed research

papers for Optics Communications, IEEE Access, Journal of Energy and Optics and Laser Technology and a PhD thesis of Jamia Milia Islamia, New Delhi.



Faculty of Social Science

Dr. Sumita Srivastava of Department of Management, Social-Sc. Faculty, visited Gedu Business School, Royal University of Bhutan on



June 13, 2019. During her visit she interacted with the faculty members of the business school. She was also invited to deliver a talk on the topic, 'From Campus to Corporate: Preparing for the Challenges' for the benefit of the graduating batch. Dr. Rajnish Ratna from Gedu Business School, Bhutan had invited her and also facilitated the visit.

Prem Vidyalaya

Lecture on Robotics

To gain the practical knowledge of science, students of class XI and XII of DEI Prem Vidyalaya attended a lecture based on Robotics on 3 July 2019. This lecture was organised at the International Seminar Hall Complex of DEI. There were two sessions, the first session was based on 'Mechanical Uses of Robots in industries' and the second session was based on 'Artificial Intelligence'. Renowned scholar Professor Subramaniam delivered his lecture before the young scientists, which was highly appreciated by the students.

NCC Camp- 2019

A camp for the NCC cadets of several colleges was organized in Shri Rajendra Singh Degree College Shamshabad Road Agra from 3 to 12 July 2019. DEI Prem Vidyalaya also participated with forty students with great enthusiasm and zeal. Like previous years cadets took advantage to show their talent through this platform. Many activities like Drilling, Shooting, NCC lectures, cultural programmes, Debate and Best Cadet competition took place. This camp was a life- time experience for all the cadets as they inculcated many qualities like discipline, team- work, punctuality and hard work.

Students' Achievement

Ms. Anu Tiwari (Group F) and Ms. Kanika Saini (Group E) from DEI Prem Vidyalaya Girls' Intermediate College participated in the *Camel Art Contest*. Both participants reached at zonal level and were selected for the reward of appreciation. First level of this contest was held in the month of September 2018.



NCC Activities

Lieutenant Manish Kumar Honoured with the Highest NCC Award



Selected NCC Cadets and Associated NCC Officers from across the country are bestowed upon NCC's highest award, Director General's Citation for commendable contribution and participation in various activities of NCC each year. Lieutenant. Manish Kumar, NCC Officer of Dayalbagh Educational Institute, Agra was selected from UP

Directorate for this Award for the year 2018. Chief Officer Brig Sanjay Sangwan honoured Lt. Manish Kumar with Certificates in a ceremony organized at the NCC headquarters recently. In addition to Lieutenant Manish, two NCC Cadets, Senior Under-officers Tanya Jain and Mansi Gautam were also awarded with citation and certificates.

Meeting with University of South Pacific

A meeting via videoconferencing was organized between the Vice-Chancellor of University of South Pacific and Director, DEI along with a select group of faculty and administration on both sides on Tuesday, July 23, 2019. The purpose of the meeting was to explore

avenues for collaborations between the two Universities. The University of the South Pacific is an intergovernmental organisation and public research university with locations spread throughout a dozen countries in the Oceania region.



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