



Dayalbagh Educational Institute (Deemed University)

DEI news

Volume XXXI
February, 2014

No. 2

Fast Forward With Solar Mission

National Conference on “Fast Forward With Solar Mission—Thrust Areas and Institutional Initiative Initiatives in Innovation, Entrepreneurship & Human Resource Development (FESM-2014)”, Jan. 20-21, 2014 & Faculty Development Programme on Solar Energy Technologies (Jan. 16-21, 2014) were organized at DEI ICT Distance Education Centre, Melathiruvenkatnathapuram (MTV Puram) in collaboration with Ministry of New and Renewable Energy (MNRE), IIT Bombay and the National Renewable Energy Laboratory (NREL-Denver), USA. The events marked the Commemoration of the Completion of 100 years of the colony of Dayalbagh. Attended by 120 participants from technical institutions of the country, the conference witnessed a rare presence of policy makers, academicians, technocrats and consultants working in the area of Solar Energy.



Contents

Symposium on Siksha Diwas	2
Celebrations	2
Faculty/College News	4
NSS Activities	7
Games and Sports	8



Symposium on Siksha Diwas

DEI-Dayalbagh@100' Landmark Symposium was organized successfully on Shiksha Diwas, Jan. 1, 2014 involving representatives from all stake-holders including DEI administration, faculty members, staff, students, educational societies of Dayalbagh and leading academicians and educationists from across the world. Plenary talks were delivered by Prof. Arun Kumar, JNU; Prof. Shyam Menon, Dr. B.R. Ambedkar University, Delhi; Prof. C.R. Babu, School of Environmental Studies, Univ. of Delhi; Mr. Dilip Chenoy, Chairman, National Skill Development Corporation (NSDC); Prof. Kushal Sen, NPTEL Coordinator, IIT Delhi; Prof. M. Balakrishnan, Dept. of Computer Science, IIT Delhi and Dr. Kuncheria P. Isaac, Member Secretary, AICTE. Panel Discussion was organized on "Coop Programme, Entrepreneurship Initiatives, Virtual Incubation Centre at DEI", "Interdisciplinary

Centres and Programmes, International Linkages", "Integration of DEI Model of Vocational Education with NVEQF" and "Off-Campus / Community College at MTV Puram (moderated by Prof. T. Karunakaran, Former Director, MGIRI, Wardha)". Presentations were also held on "Value Education and Quality Teaching" and "Modern Language Lab / Virtual Language Lab as part of the Vocational Electronic Centre for Cultural Studies". The Valedictory Address was delivered by Prof. Prem Vrat, Vice-Chancellor & Professor of Eminence, ITM University, Gurgaon, on the topic "TQM in Knowledge Driven Organizations". Presidential Remarks were delivered by Prof. P.K. Kalra, Director of the Institute who also e-launched several modular courses in video-conferenced mode with MTV Puram and Rajaborari campuses of DEI.

Celebrations

REPUBLIC DAY

The Sixty-Fifth Republic Day was celebrated in the Institute with usual fervour and enthusiasm. On this occasion, Shri Ashutosh Pandey, IPS, IG, Agra Zone, was the Chief Guest. First of all, the Chief Guest hoisted the Tricolour and took the salute from the parade performed by the students. The function started with a March Past and deliverance of a Patriotic Song praising the Motherland and encouraging the youth to awake and serve the nation. After that, the Chief Guest addressed the students

and guests present on the occasion. While appreciating the performance of the students, he said that this performance was full of patriotism and we must work towards spreading communal harmony and secularism in our country. Further, he said that we should not connect crimes with any religion or sect. He also said that the objective of the students should be to invent new things and technologies. Before doing anything we must think about human welfare and how a particular action is going to help the common man or the lower stratum of the society.



Director of the Institute addressing on the Republic Day.



Smt. Pandey giving away the Shield to the Winners of March Past.

Further, he said that only those persons became famous and great in the society who connected themselves with the common men and worked for their upliftment.

Director of the Institute Prof. P. K. Kalra, in his presidential address said that our objective is to evolve a complete man. He said that instead of working in any organisation, the objective of the students should be to become a job creator. He said that western countries like America and England became great because our students worked for their development. But now time has come to stop this brain drain and our objective should be to work for the development of our nation. He also mentioned that our Institute is the first of its kind which is fully solar powered. He also said that we provide education in remote and rural areas of the country through distance mode. He said that we are working to evolve as a top institute of this country.

The prizes for the March Past Competition were given by Smt. Ashutosh Pandey, wife of the Chief Guest. Science Faculty and Technical College were the winners in girls and Technical College was the winner in boys.

The function which ended with the distribution of sweets was well attended by Sh. Prem Prashant, Former Chief Secretary, Haryana Govt., Mrs. Sneha Bijlani, Treasurer, Governing Body Members, Deans of the Faculties and all the members of staff.

FOUNDER'S DAY

DEI celebrated its Founder Day on 31st January 2014 with great enthusiasm and fervour. It is celebrated in commemoration of its Founder Director Most Revered Gracious Huzur Dr. M.B. Lal Sahab which is also His Birth day.



A scene of Path recital on the Founder's Day.

The Founder's day is celebrated as an **Open Day** in which works and achievements of the students and departments are shown. Students show their work with different Models/Exhibits.

The main attraction of this year was recitation of *path* from the Holy Book, *SantBaniSangrah* by students and faculty members of the Institute. This Book contains different *sabdas* or prayers of Saints like Kabir Sahab, Tulsi Sahab, Nanak Sahab, Paltu Sahab and Huzur Soamiji Maharaj. *SantBaniSangrah* is divided into two parts. From the first part, *dobas* (couplets) were recited whereas *path* was recited from the second part. The recitation of *path* was a continuous phenomenon from 8 am to 4.30 pm. On this occasion, Chairman, Advisory Committee on Education and Spiritual Leader of the Radhasoami Faith, Most Revered Prof. Prem Saran Satsangi Sahab blessed everyone with His Gracious Presence.

The DEI Technical College became the centre of attraction on the Founder's Day as it organized an exhibition of models prepared by the students of the College. There were a total of about 50 models on display in various categories. Models with technical focus included those on *Jet Engine*, *Hovercraft*, *Hydraulic Brake System*, *Motorized Four-stroke Engine of Bullet Motorcycle*, *Cut-section Two-stroke Engine of Bajaj Scooter*, *Transmission System*, and *Ignition System*. Models depicting technology of common interest were on *Domestic Refrigerator without using electricity*, *Pedal-driven Hacksaw*, *Pedal-driven Washing Machine*, *Economic and Ergonomic Water Supply Equipment*, and *Theo Jansen Mechanism*. The latter are large assemblages of piping, wood, and wing-like sails among others and are able to move on their own, especially on sandy beaches. Models showing the latest advancements in technology included those on *Magnetic Levitation Train*, *Mars Rover*, and *Solar Car*.



Electricity Generation through Vehicle Movement



Imitation of Lightning



Maglev Train Model



Oil Field Pump Model



Thermal Power Plant Model



Solar Car Model



Faculty/College News

Faculty of Arts

Guest/ Special/ Extension Lectures/ Events / Workshops, etc., Organised

Lectures by renowned scholars were organized in Hindi Department as per following details :

Mrs. Suryabala, Renowned Hindi Writer, Mumbai spoke on the topic “Samkaleen Hindi Kahani”, Jan. 18, 2014.

Prof. Rajendra Kumar, Hindi Critic & Ex Head, Department of Hindi, University of Allahabad, lectured on “Navjagran aur Hindi Kavita”, Jan. 30, 2014.

Home Science Department organised a Republic Day programme for Pre School Children in Dayalbagh Nursery School on Jan. 28, 2014.

Music Department organised a National Workshop on “Curriculum formation of Modular Courses” on Jan. 27, 2014.

Research Papers Published : 02



Students of Home Science Department with Pre-School Children Celebrating Republic Day

Faculty of Engineering

D.E.I. Students' Chapters of The Institution of Engineers, India

The D.E.I. Students' Chapters of The Institution of Engineers, India, organized an International Seminar on Artificial Intelligent Systems with Prof. M. M. Gupta, Director, Intelligent Systems Research Laboratory and Chairman of Center of Excellence (IRIS) on Neuro – Vision Research, College of Engineering, University of Saskatoon, Saskatchewan, Canada as the main speaker on the topic “Fuzzy – Neural System: Theory and Applications” on Jan. 22, 2014. About 50 participants participated in this Seminar.

Staff news/ Special News Items: Awards; Short Courses organized

Prof. Chaturvedi delivered an expert talk

on the topic, “Soft Computing Applications in Signal Processing” in AICTE sponsored National Seminar on Signal & Image Processing (NSSIP) on Jan. 11, 2014 at Dept. of Electronics and Instrumentation Engineering, ITM, Gwalior (M.P.), India. He also chaired a session on Power System Signal Processing.

Prof. Chaturvedi delivered an expert talk in National Seminar on Communication, Networks & Computing (CNC) – 2014 organized by Dept. of Electronics and Communication Engineering, School of Engineering and Technology, ITM University, Gwalior (M.P.) in association with Institution of Electronics & Telecommunication Engineers New Delhi, on Jan. 24, 2014.

Research Papers Published : 04



Faculty of Social Sciences

Guest/Special/Extension Lectures, etc., Organized

Prof. Akbar Hussain, Department of Psychology, AMU, Aligarh, Jan. 11, 2014. The topics included :

1. Dimensions of Spirituality
2. Spiritual Approaches to Stress Management

Seminar/Conferences/Workshops, etc. Organized

DEI-Wisconsin Workshop was organized on "Intervention Approaches in Addressing Adolescent Issues through Cognitive Restructuring: Indian and American Perspectives" on Jan. 27, 2014 at the Department of Psychology, DEI.

Prof. Charles Lindsey of University of Wisconsin, Oshkosh USA gave the Inaugural Lecture. Prof. P.K. Kalra, Director of the Institute presided over the Inaugural Session. Prof Lindsey and Dr. C. Tulsi, an eminent clinical psychologist, Banaras, demonstrated the Psychodrama technique of Cognitive Restructuring. In Poster Presentation Session 12 students of Psychology Department and 10 students of Wisconsin University presented their posters.



After a lively interaction and discussion among Indian and American students, Prof. P. Sriramurthy, an eminent educationist gave his concluding remarks. Prof Lindsey gave certificates to Indian participants and Prof. Sriramurthy, to American students.

Research Papers Published : 01

Papers presented in Seminars/Conf., etc. : 02

Students' Achievements

Sumi Goswami and Namrata Anand (Research scholars) participated in the Faculty Development

programme on Analytical Techniques for Research from Dec. 30, 2013 to Jan. 5, 2014 at the University School of Management Studies, Guru Gobind Singh Indraprastha University, New Delhi.

DEPARTMENT OF LIFE LONG LEARNING & EXTENSION

Medical Camp at Nagla Bhoori : A one day medical camp was organized by the Department at Nagla Bhoori on Jan. 16, 2014. Dr. Sidharth Agarwal and Dr. Sapna Agarwal examined women and girls at the Camp. During the Camp, Dr. Sapna Agarwal, M.D. (Path) and her team tested the blood group, haemoglobin and blood sugar (random) of the villagers.



Examination of Villagers during Medical Camp.

Team of Doctors with the Staff of LLL&E at Nagla Bhoori.

Celebration of Republic Day at Bal Shiksha Kendra : The Republic Day was observed at Bal Shiksha Kendra, Nagla Haweli on Jan. 26, 2014. The children of the Centre presented action songs, poems, patriotic songs and skit. A total of about fifty children took part in the celebration with great zeal and enthusiasm.

Founder's Day Celebration : The DEI Founder's Day was observed by the staff & students with great enthusiasm in the Institute Campus as well as at Bal Shiksha Kendra, Nagla Haweli. The work and achievements of the Department and craft of the children of Bal Shiksha Kendra were displayed at the Social Sciences Faculty campus.



Visitors at the Display on Jan. 31, 2014.



Faculty of Science

Participation in Winter School/Workshop

Dr. Ashok Jangid, Winter School on “Atmospheric Aerosol Physics, Measurements, and Sampling Techniques” organized by Department of Civil Engineering and Department of Chemical Engineering IIT-Madras in association with Leibniz Institute for Tropospheric Research Leipzig, Germany from Jan. 13-16, 2014 at the Indian Institute of Technology Madras, Chennai.

Seminars/Conferences/Workshops Organized

A Two-day Workshop on Curriculum Development in Zoology was held on Jan. 17-18, 2014 at the New Seminar Hall Complex, DEI, by the Department of Zoology. The Workshop was attended by 40 individuals—Faculty Members, Post-Doctoral and Ph.D. Scholars. The following Subject Experts also made their significant contribution to the Workshop:

1. Padam Shree Prof. V.P. Sharma, IIT, Delhi
2. Prof. Deepak Sharma, JNU, New Delhi
3. Prof. P. Bhatnagar, IIS University, Rajasthan
4. Prof. A. Khan, AMU, Aligarh
5. Prof. I. Patro, Jiwaji University, Gwalior
6. Prof. R.D. Gautam, IARI, New Delhi
7. Prof. Ipe M. Ipe, Agra
8. Prof. Nandita Gupta, AIIMS, New Delhi
9. Prof. Ashok Sahai, KGMC, Lucknow
10. Dr. Sandeep Saluja, Saran Ashram Hospital, Agra
11. Dr. Amit Mishra, IIT, Kanpur

The two-day intensive sessions gave opportunity to reflect on the challenges currently facing teaching in Zoology and in increasing levels of integration of other disciplines in Zoological Sciences. A special

session was held to Structure the Curriculum for new courses in ‘Neurobiology’ at Undergraduate and Post-graduate levels.

Research Paper published : 03

Guest/Special/Extension Lectures, etc., Organized

Department of Physics and Computer Science organized a special lecture by Prof. Gur Saran Adhar, Department of Computer Science, University of North Carolina at Wilmington on Jan. 4, 2014 on the topic “High Performance Computing” for the students at Computer Science programme, Faculty of Science and Faculty of Engineering.

Staff News

A book authored by Dr. Satendra Kumar Soni, Prof. V.P. Bhatnagar, Prof. A.K. Bhatnagar, Yati Prabha and Vibhu Upadhyay entitled “Mass Cultivation and Waste Water Treatment using Spirulina Platensis” was published from Lap-Lambert Academic Publishing, Germany (2013).

Student's Achievement

Neh Satsangi has been awarded DST-INSPIRE Fellowship under a unique Scheme of Government of India, Ministry of Science and Technology. The fellowship is at par with the JRF/SRF along with the Contingency grant for 5 years.

Competition Organized

A Science Model Competition was organized in the Faculty of Science on the occasion of the Founder's Day, on Jan. 31, 2014 with great enthusiasm. There were three categories in which a good number of students participated, namely, Working Model, Educational Tool and Novel Idea.

Retirement

- Shri Nirpati Yadav, Mechanic Grade A-II, Faculty of Engineering, retired on Jan. 31, 2014 after rendering a useful service about 29 years to the Institute.
- Shri Gur Sharan Pandit, Grade A-II, Faculty of Engineering, retired on Jan. 31, 2014. He served the Institute with dedication for about 28 Years.
- Shri Naresh, Faculty of Education, retired on Jan. 31, 2014 after rendering a useful service of about 43 years as peon in the Institute.

We wish all our colleagues happy, healthy and still more useful life!



Prem Vidyalaya Girls' Intermediate College

Science Olympiad : Mahima Kant (VII) and Nihar Svastava (IX) were selected for the second level of the Science Olympiad in which 86 students participated.

English Olympiad : English Olympiad was held for Class VI to VIII on Jan. 30, 2014, thirty students participated in the Olympiad.

Celebration of National Festival : (a) Students from VI to XII participated in the Cultural Programmes of the Republic Day Celebrations. They effectively recreated the Indo-Pak Border scene in their item "Bagha Border". Students from class XII also took part in the March Past held in the Institute on Jan. 26, 2014.

Foundr's Day Celebration : Founder's Day was celebrated with great zeal and enthusiasm on Jan. 31, 2014 in the College.

Exhibition : A subject-wise exhibition was

organized in the College on Jan. 29, 2014. Students from Class VI to XII participated in it. The exhibition showcased the talents of students in the fields of various subjects. Students prepared very interesting models. In the Social Studies models related to the Indus Valley and Egyptian Civilizations were displayed and were greatly appreciated.

The scientific law and facts were presented very systematically, logically and creatively. The display and the explanations by the participants were appreciated by the judges and the visitors.

NCC Camp : Students of XII class participated in NCC Camp organized at Artoni, Agra from Jan. 11 Lt. Surat Pyari was the Coordinator. Our students won the First Prize in Dance, Group Song, Line Area and Drill, Solo Song and Solo Dance competitions. 71 students of XII class took part in the Camp.

NSS Activities

Free NSS Medical Camp : Two free multi-specialty medical camps were organized on 5th and 19th Jan., 2014 near Bahadurpur, Poyiaghat Road in association with doctors and Para-medical Staff of Saran Ashram Hospital, Dayalbagh for the benefit of villagers in which 512 patients were examined and free medicines were distributed to them.

Hole in the Wall Programme : Two Hole in the Wall programmes were also organised during the Medical Camps in which 92 children of the nearby villages were imparted knowledge of computer and were also entertained through folk songs and animation films.

National Youth Week : National Youth Week was organized in the Institute from 12th - 19th Jan., 2014 on the occasion of the 151st Birth anniversary of Swami Vivekanand. Essay-Writing, Collage and Group Song competitions along with shramdan were organized to celebrate the occasion.

One Day NSS Camps : One Day NSS camps were organized on 12th Jan., 2014 for the volunteers of Faculties of Commerce and Engineering. On 19th Jan.,

2014, a one day NSS camp was organized for the volunteers of Faculties of Arts, Science and Social Sciences in which the volunteers actively participated in the levelling of the land for plantation.

National Voter's Day : 25th Jan., 2014 was celebrated in the Institute as National Voter's Day. On this occasion, an oath ceremony was organized in the respective faculties where volunteers took an oath to cast their votes in the interest of the nation. Poster and Slogan competitions were also organized to mark the occasion.





On this occasion a team of 15 volunteers from Faculty of Commerce and Engineering participated in a state level Cultural Competitions organized by Election Commission of India under its SVEEP (Systematic Voter's Education and Electoral Participation) Programme from 23rd to 24th Jan., 2014, at Lucknow. The Skit team represented by the volunteers of Faculty of Engineering won the First Prize. The team was given an opportunity to present their folk song in front of the Honorable Governor of U.P. Shri B.L. Joshi. Programme Officers Dr.

Saurabh Mani and Shri Gurumukh Das were also felicitated by the Governor of UP.

Founder's Day : 31st. Jan., 2014 was celebrated by the NSS unit of the Institute as the Founder's Day to Celebrate the Birth Anniversary of the Founder Director, Gracious Huzur Dr. M.B.Lal Sahab. On this occasion, a Photo-cum-Poster Exhibition was organized depicting the various general activities and special activities carried out by the NSS unit during the current academic session.

Games and Sports

The fields and grounds of the Institute witnessed hectic activities right since the commencement of the semester with students crowding the fields. Preparations for the Athletic Meet of the Institute started getting momentum for which Intra-Faculty Competitions were organized both the boys and the girls. The response was overwhelming.

On the occasion of the Republic Day, a 10,000 Metre Race (Boys) was organized of which following

was the results :

- Rakesh Kharey (Engg. Faculty) I
- Deepak Kumar (Technical College) II
- Indes Pal (Science Faculty) III

A Contingent of 9 students with Shri Rajan Bedi as Coach, participated in Basketball-Men, North Zone (National University Games) at Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonapat, Haryana on Jan. 6-7, 2014.

Obituary

With a deep sense of grief we have to report the sad and sudden demise of Smt. Bulbul Srivastava, Course Coordinator, Interior Design and Decoration on Jan. 12, 2014. Smt. Bulbul Srivastava remained associated with Women's Polytechnic of the Institute since 2004 and rendered a yeoman's service in running smoothly the Programme for which the Institute will always remain indebted. We pray at the Lotus Feet of the Supreme Father to grant peace to the departed soul and solace to the bereaved family to bear the irreparable loss!

Editorial Board

Patron : Prof. P.K. Kalra

Chief Editor : Prof. S.K. Chauhan

Managing Editor : Prof. J.K. Verma

Editors : Prof. K. Hans Raj

" : Dr. Saurabh Mani

" : Dr. Anita Lakhani

Members :

- Prof. Ragini Roy
- Dr. G.P. Jandial
- Dr. Nishith Gaur
- Dr. Bhawna Johri
- Dr. Sona Dixit
- Dr. Kamal Srivastava
- Dr. Kavita Kumar
- Shri Raghu Raj Singh
- Prof. Aditya Prachandia
- Dr. Charu Swami
- Dr. Dayal Pyari Sinha
- Dr. Meenu Singh
- Dr. K. Srinivas
- Dr. Kamal Jeet Sandhu
- Shri V.K. Malhotra