

Second Indo-Canadian
Research Colloquium 1

TSC 2017

1

Agreement Signed with
the Michigan State
University 2

Faculty News 2

NCC News 6

NSS Activities 7

DEI Activity at village
Padahan, District
Sirmour, HP 8



Dayalbagh Educational Institute (Deemed University)

DEI news

July 2017

No. 19

Second Indo-Canadian Research Colloquium (UW and DEI : Education and Research in Dialogue) on June 2, 2017 at University of Waterloo

Indo-Canadian Research Colloquium (UW and DEI : Education and Research in Dialogue) was organized on June 2 at University of Waterloo in video-conferenced mode with DEI by TSC delegates on way to San Diego. The Vision Talk was delivered in video-conference mode from DEI by Most Revered Prof. P.S. Satsangi, Chairman, Advisory Committee on Education, Dayalbagh Educational Institutions. The five-decade old DEI-Waterloo relationship is a model one, culminating in an MoU between the two Institutes in 2008, further renewed in 2013. This joint colloquium elevated the flourishing



relationship between our Institutes to even loftier horizons, in the words of Prof. Peter Roe in his address to the colloquium.

The Science of Consciousness Conference (TSC) 2017 Integrated East-West Forum at San Diego, USA (June 5, 2017)

A large delegation from DEI, comprising around 50 faculty members, research scholars and students visited San Diego for The Science of Consciousness Conference (TSC 2017) organized at San Diego from June 5-10, 2017 for both the Integrated East-West Forum on June 5 as well as the main event in the following days. A pre-event rehearsal was also organized at DEI on June 2, 2017.

The Integrated East-West Forum on June 5 was held in video-conferenced mode with DEI, Dayalbagh. The Vision Talk was delivered in video-conference mode from DEI by Most Revered Prof. P.S. Satsangi, Chairman, Advisory Committee on

Education, Dayalbagh Educational Institutions. Panel Discussion was held on "Consciousness : Integrating Eastern and Western Perspectives" with





notable inputs from DEI also. Among the experts at the East-West Forum were Prof. Stuart Hameroff, Prof. Rocco J Gennaro, Prof. Paavo Pylkkanen, Prof. Jack Tuszynski, Prof. Thomas Bever, Prof. P. Sriramamurti, Dr. Anirban Bandyopadhyay, Prof. Subhash Kak, Prof. Mani Lal Bhaumik, Mr. Prem Prashant, Dr. Anoop Srivastava and Dr. Bani Dayal Dhir.

Agreement Signed with the Michigan State University

A multidisciplinary delegation from Dayalbagh Educational Institute was invited to visit Michigan State University from June 11 to June 20, 2017. The visit included meetings with the President of the University; Deans of the College of Engineering, the College of Agriculture and Natural Resources, the College of Education and the Eli Broad College of Business; Directors of Asian Studies Center, School of Packaging; Department Chairs, other administrators, faculty and potential collaborators across various Colleges and Departments. An International Agreement for Academic Cooperation with the College of Engineering, College of Agriculture and Natural Resources and the College of Education was also signed, which includes provisions for exchange of materials in education and research, publications,

In the subsequent days, DEI delegation participated fully in the main event from June 6-10. DEI posters were displayed on June 7. The Poster session involved a lot of discussion and continued till late in the evening. The next TSC 2018 conference will be held at Tucson, Arizona in April 2018 and DEI has been invited to conduct Integrated East-West Forum.



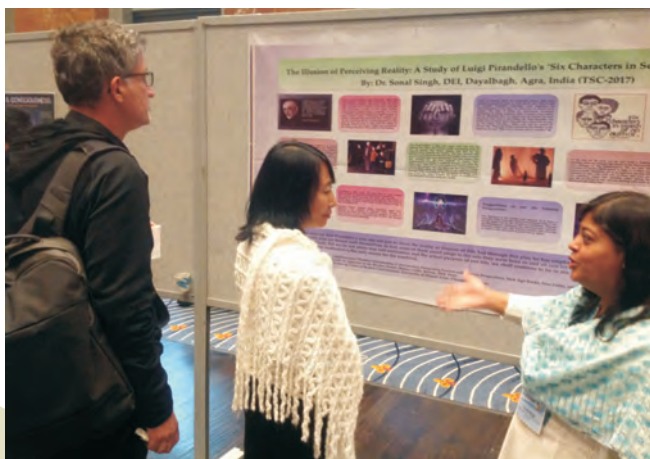
and academic information; exchange of faculty and research scholars; joint research and meetings for education, research and outreach; technical assistance; student exchanges; and joint curriculum development in support of K-12 education and joint development of innovative teaching methods.

FACULTY NEWS

FACULTY OF ARTS

Publications: 02

Dr. Bani Dayal Dhir, Prof. V. Premlata and Dr. Sonal Singh presented their papers at the International Conference, The Science of Consciousness (TSC-2017) organized by Center for



Consciousness Studies, The University of Arizona, from 5-10 June, 2017 at San Diego, USA. Dr. Bani Dayal Dhir was also one of the Panel members in the East-West Forum held on the first day of the conference.

Dr. Madhulika Gautam attended an international conference organized by Scientific Educational Research Society Meerut and LKC Medicine, at Nanyang Technological University,



Singapore from 19 to 23 June, 2017 and presented a paper entitled “Differential Frequency of Attending Mahila Mandal Sessions by ICDS Beneficiaries in Rural and Slum Areas of Agra District”. She was conferred with Excellence in Science Communication Award-2017.

Dr. Gautam also attended a Refresher Course (Special Summer School) at UGC Academic Staff College, Jamia Millia Islamia, New Delhi from 29 May to 17 June, 2017.

FACULTY OF EDUCATION

Publications: 03

Prof. Archana Kapoor presented a research paper entitled “SPIRITUAL CONSCIOUSNESS IN COLLEGE TEACHERS AND ITS IMPACT ON COMMITMENT” in The Science of Consciousness (TSC) held from June 5 to 10 2017 at San Diego, USA.

Dr. Sona Dixit & Ruchi Gautam presented paper entitled “A Study of Gender Discrimination among Secondary School Students” in Two Day International Conference on Gender, Activism and Politics in India & Sweden (03-04 April 2017) organized by the UNESCO Chair for Peace and Intercultural Understanding, Malaviya Center for Peace Research, Banaras Hindu University, Varanasi in Collaboration with Karlstad University, Sweden.

Dr Sona Dixit was also invited to be the editorial member of International Journal of Advance Higher Education Research & Development ISSN- 2456-4826, Impact Factor-2.981

FACULTY OF ENGINEERING

Publications: 02

Prof. O.P. Malik, University of Calgary, Canada visited Dayalbagh Educational Institute and



delivered a talk and discussed with Ph.D. Scholars. He appreciated the generation, management and efficient utilization of solar power in the university campus.

D.K. Chaturvedi, Lajwanti, Tsai Hui Chu presented a paper entitled, “Human Consciousness measurements through Chakra Energy and Related issues” at the International Conference, The Science of Consciousness (TSC-2017) organized by Center for Consciousness Studies, The University of Arizona, from 5-10 June, 2017 at San Diego, USA.

Prof. D.K. Chaturvedi has been appointed as the member of Technical Programme /Advisory Committee at the International Conference on Recent Innovations In Electrical and Electronics Engineering (ICRIEEE-17) at Department of EEE, College of Engineering, Jawaharlal Nehru Technological University Hyderabad to be held in December, 2017 at Hyderabad, Telangana State, India. He will also serve as Member of Advisory Board and Technical Programme Committee at International Conference on Computational Intelligence: Theories, Applications and Future Directions (ICCI-2017) to be held at Indian Institute of Technology, Kanpur, India from December 6 – 8, 2017.

FACULTY OF SCIENCE

Publications : 12

Conferences Attended : 06

Project entitled “Chemical characterization of PM1 and health risk assessment” has been sanctioned to Prof. K. Maharaj Kumari (PI) and Dr. Anita Lakhani (Co-PI) worth Rs. 40.0 lakhs by DST, New Delhi for the duration 2017-2020.

Staff News:

Dr. Arun Pratap Sikarwar, Assistant Professor at Department of Zoology has successfully completed with Grade-A the Orientation Programme at UGC Human Resource Development Centre (HRDC) at Aligarh Muslim University (AMU) from 8 May to 6 June, 2017.

Students’ Achievements:

GATE Qualifiers : Ms. Sakshi Agarwal (AIR-557) and Mr. Ajeet Kumar Sharma (AIR 969) (M.Sc. Students of 2015-2016 batch) qualified GATE 2017 and have been selected to pursue Ph.D. at IISc Bangalore and IIT Roorkee respectively.



Participation in Conferences and Best Paper/ Best Poster Awards

Papers were presented by Mr. Dinesh Sah, Ms. Ankita Agarwal and Mr. Puneet Kumar Verma in the International Conference on Understanding, Predicting and Projecting Climate Change over Asian Region (UPCAR) 2017 at National Atmospheric Research Laboratory, Gadanki, Tirupati. Mr. Puneet Kumar Verma (working under the supervision of Dr. Anita Lakhani) received Best Poster Award and a cash prize of Rs. 3000 for paper entitled “Gas phase measurements of Polycyclic Aromatic Hydrocarbons (PAHs)” for his presentation

Papers were presented by Ms. Nidhi Verma, Ms. Sonal, Ms. Ankita Agarwal, Mr. Dinesh Sah and Mr. Puneet Kumar Verma in the Indian International Conference on Air quality Management, Health and Exposure (IICAQM) 2017 at IIT New Delhi. Mr. Puneet Kumar Verma received Best Paper Award along with a gift voucher of 200 Euros to procure Journal articles, Books, Encyclopaedias, etc. from Springer for the paper entitled “Gas-particle phase distribution of PAHs at different sites in Agra.”

Visits Abroad by the students

Pratima Gupta (working under the supervision of Dr Ranjit Kumar) attended 3rd International Workshop on Atmospheric Composition and the Asian Monsoon (ACAM) held at Jinan University in Guangzhou, China from 5 - 9 June, 2017 and gave oral presentation entitled “A study on characterization, emission and deposition of black carbon over Indo-Gangetic Basin”. She was also selected to participate in the training school on “Atmospheric Composition and Asian Monsoon” held from 10-12 June 2017 in Guangzhou, China. She received full financial support from International Global Atmospheric Chemistry (IGAC), USA for her travel and stay at China.

Sana Ansari (working under the supervision of Prof Soami Piara) visited Center of Nanotechnology (CNT), King Abdulaziz University, Jeddah, Saudi Arabia (from April 15 to June 30, 2017), an international research centre, funded by Ministry of Higher Education, Saudi Arabia in connection with her experimental and characterization work related to her PhD thesis. She worked with Dr. Omaish Ansari and performed

experiments on sophisticated techniques viz , TEM, FE-SEM, XPS, XRD, and Raman Spectroscopy.

Gurpreet Kaur (working under the supervision of Prof. Rohit Shrivastava) and Anamika Banerjee (working under the supervision of Prof. Sahab Dass) left for Arizona State University, Phoenix, USA on the 14th of July 2017 under the collaborative programme “ Indo- US 21st Century Knowledge Initiative” funded by UGC.

FACULTY OF SOCIAL SCIENCE

Under Non-Formal Continuing Education Programme of Lifelong Learning and extension activities, Department of Sociology & Political Science, Faculty of Social Sciences, twenty Short Term Certificate Courses were organised from April 2017 to June 2017 at the Institute Campus. A total of 165 individuals were trained for skill enhancement & utilization of leisure

Course Title	Duration	No. of learners
Advance Sewing & Embroidery	4 months	1
Sewing	1 month	16
Tabla Vaadan	1 month	4
Bag Making	15 days	1
Dholak Vaadan	15 days	22
Drawing	15 days	21
Handicraft	15 days	16
Machine Embroidery	15 days	1
Mehandi Designing	15 days	15
Knife Painting	15 days	6
Nib Painting	15 days	4
Screen Printing	15 days	4
Soft toys Making	15 days	5
Artificial Flower Making	1 week	19
Baking	1 week	15
Batik	1 week	1
Block Printing	1 week	3
Fabric Painting	1 week	5
Hand Embroidery	1 week	5
Tie & Dye	1 Week	1

From 1 to 25 April 2017 training in Soft Toys Making was organized for M.Ed. students of DEI, Faculty of Education, under lifelong learning & extension activities. During the training a group of nine students was trained in preparation of templates & drafts and making toys for different age

groups & for interior decoration. Line of operation for soft toys making along with costing of the prepared item was also a part of the training in order to develop entrepreneurial skills among the participants.

Seven students of fifth class of Bal Shiksha Kendra, Nagla Haweli successfully cleared Parishadiya Pareeksha in 2017.

Training for women, youth and children residing in the neighbouring slums is a regular feature of Life Long Learning & Extension Activities. From April to June 2017 training in Hand Embroidery (six learners), Mehandi designing & application (eleven learners), Knitting & Crochet (six learners) Machine Embroidery (five learners), and stitching (twenty eight learners) was successfully organized at Nagla Haweli Extension Education Centre.

A recreational camp for children was organized from 22 May to 10 June 2017 at Bal Shiksha Kendra, Nagla Haweli. A total of forty-five children participated in various activities related to Drawing & Painting, Music and Creative crafts. During the camp indoor games & reading room facility was also provided.



Glimpses of recreational camp at Bal Shiksha Kendra, Nagla Haweli

Activity	Number of participants		
	Junior Group (below 9 yrs)	Senior Group (above 9 yrs.)	Total
Creative Craft	7	12	19
Drawing & Painting	14	13	27
Indoor Games	11	10	21
Music (Vocal & Instrumental)	9	11	20
Reading Room cum Library	12	13	25

World Environment Day was observed on 5th June 2017. To mark the occasion, Prof. Poornima Jain delivered a talk to the women & youth of the slum on 'Water conservation' at Nagla Haweli centre. Drawing Competition for children of the slums at Nagla Haweli and Essay Writing Competition for DEI students & learners of short-term certificate courses was held at the Institute Campus.

Essay Writing Competition for DEI Students:

Mr. Parush Agarwal	PGDSHE	I
Km. Veena Karwani	PGDHRSW	II
Km. Baby Kumari	MA Sociology	III
Km. Ankita Bhadauriya	MA Sociology	III
Mr. Hohd. Sarfaraz	PGDHRSW	IV
Mr. Juned Khan	PGDHRSW	IV
KM. Neha Agarwal	MA Sociology	IV

Drawing competition for Children at Nagla Haweli centre:

Junior Group (7yrs to 9 yrs)		
Km. Gunjan	8	I
Km. Ankita	8	II
Km. Akshara	7	III
Mr. Suraj	8	IV
Senior Group(10 yrs to12 yrs)		
Km. Chayanika	12	I
Mr. Anmol Satsangi	12	II
Km. Nandni	10	III
Km. Muskan	11	IV



Essay Writing competition at Institute Campus

Junior Group Below 12 years		
Km. Surat Bhushan	10	I
Sri Adbhut Chopra	9	II
Sri. K. Guru Mehar	11	III
Km. Aditi Dhawan	11	IV

Senior Group - Above 12 Years		
Km. Yashika Pathak	12	I
Km. Uma Goswami	19	II
Km. Khushboo Gautam	17	III
KM. Mansi Gupta	14	III
Km. Deepika Verma	15	IV
Km. K. Charan Preeti	13	IV

NCC NEWS

Summer holidays started with excitement, adventure activities and opportunities for the NCC cadets. During this period NCC cadets took part in various NCC camps.

Amarkantak Trek Camp 2017

40 NCC cadets of Agra Group Headquarters under the guidance of Lieutenant Manish Kumar, NCC Officer D.E.I. took part in the trekking camp in the hills of Vindhya and Satpura Ranges. This camp, full of thrilling and adventurous activities was organized at Amarkantak from 24 May 2017 to 31 May 2017. Amarkantak is famous for the origin of Narmada, Son and Johila rivers.

During the camp, the cadets moved on the tracks in 5 different paths. UO Indrajeet Sikarwar, UO Vishal Pachauri and SUO Rahul Tyagi were appointed as Camp Senior, Camp 2 IC and Camp Adjutant respectively. During the camp, D.E.I. cadets participated in various games and cultural activities. Group dance presented by D.E.I. group, comprising SGT Saksham Raj Gupta, SGT Sachin Sharma, CDT Rachit Ranjan, CDT Devashish Roy and CDT Rahul Pratap got the first place.

World Anti-Tobacco Day

World Anti Tobacco Day, i.e. 31st May, 2017 was organized by the NCC cadets of D.E.I.. Cadets organised an awareness rally to spread the message of the negative effects of tobacco consumption. They prepared self made slogans and posters to aware the masses. The rally was organized along with JD and SD cadets of R.E.I. Intermediate College. The rally started from the premises of R.E.I. Intermediate College and covered 5 Kms leap via Jaganpur, Indrapuri, Abbulala ki Dargah, Bhagwan Talkies Crossing and New Agra.

The programme was conducted by UO Rajat Tyagi, CDT Harsh Mehta, CDT Pranjal Mittal, CDT Priyanshu Sharma, CDT Gopal Upadhyay and CDT

Gaurav Singh. Chief Officer Lokendra Singh and Lieutenant A.K. Diwedi were also present as the sources of inspiration for the cadets.

Combined Annual Training Camp – CATC 04

56 cadets of D.E.I. of 1 UP BN NCC, Agra under the leadership of NCC Officer Lieutenant Manish Kumar, participated in a 10 day camp at John Milton Public School, Agra from 14 to 23 June 2017. In the camp following designations were given to D.E.I. cadets.

UO Vishal Pachauri	Camp Senior
SGT Sachin Sharma	Bravo Company Senior
CDT Akhil Raghav	R.P. Hawaldar
CDT Praveen Tyagi	R.P. Hawaldar
CDT Priyanshu Sharma	P.I. Mess Staff
CDT Gopal Upadhyay	P.I. Mess Staff
CDT Gautam Rakesh	
Mukesh Kumar	Electrician
CDT Jitendra Gautam	Electrician

Other main attraction of the camp was drill competition, in which D.E.I. secured the first place. In the various other cultural events of the camp, the D.E.I. Cadet Sushil Tyagi received first position in solo singing competition. D.E.I. also won the first and second places in the skit competition and the group song competitions respectively.

Under Officer and camp senior Vishal Pachauri was also honoured with the individual award for “Over All Best in Drill”.

International Yoga Day

NCC Cadets of our institute participated with zeal and enthusiasm in third consecutive International Yoga Day. To make this event more memorable, this year NCC Group Head Quarter, Agra organised this event at the back of Taj Mahal at baarah siddhi near Mehtab Bagh.

NSS Activities

INTERNATIONAL YOGA DAY (21 JUNE 2017)

According to the programme fixed by Ministry of Youth Affairs and Sports, Government of India, and NSS Regional Directorate, Lucknow, the NSS Wing of the Institute celebrated “International Yoga Day” in the morning of 21st June 2017. The programme was organized at Sports Ground, Faculty of Science of the Institute.

Apart from the Top Administrative Officials of the Institute, Deans of various Faculties and the Staff of the Institute, the programme was graced by Yoga Expert Dr. S.D. Sinha and Renowned Medical Professionals, viz., Dr. Vijay Kumar, Medical Officer In-charge, SA Hospital, Dr. Richa Srivastava, Head, Department of Physiology, SN Medical College, Agra, Dr. Shailika Ratnakar and Dr. Prashant Srivastava of SA Hospital, Dayalbagh, Agra. The Yoga Session was conducted by Trained Yoga Demonstrators Mrs. Sangeeta Sinha and Mr. Abhinav Sinha.

A large number of NSS Volunteers, NSS Officials, Teachers and Staff of the Institute enthusiastically participated in the programme. The activities conducted on this day included:

1. Prayer by Selected Volunteers.
2. Exhibition of Various Postures of Yogasanas.

3. Practice of prescribed Yogasanas under Trained Yoga Practitioners/ Demonstrators.
4. Invited talks on “Health Benefits of Yoga”, “Myths and Realities of Yoga”, “Yoga for Meditation” and “Benefits of Yoga for establishing Global Peace & Harmony”.
5. Prize Distribution for outstanding performance by participants.

FREE MEDICAL & RURAL ASSISTANCE CAMPS

For overall development of people in nearby rural areas, the NSS Cell of the Institute organized many Free Medical & Rural Assistance Camps on Bahadurpur - Poyiaghat Road during April – June 2017. The services offered in these camps included Free Medical Services including Free Medical Check-up, Pathological Tests and Medicine distribution, Hole-in-the-Wall (Computer Awareness Programme), Children Recreation Centre, Center For Spoken English, Education & Career Counseling Cell (For Rural Youth), Rural Assistance Cell (Advisory Services on Agriculture, Dairying and other Local Problems), Chaupal (For developing Culture and Ethics among people of nearby rural areas) and Centre for Vocational Training. The details and number of beneficiaries in these camps are as follows.

Camp No.	Date	No. of Beneficiaries			
		Medical Centre	Hole-in-the-Wall + CRC + Spoken English	Rural Assistance + Edu. & Career Counseling + Chaupal + Voc. Trg.	Total
166	09.04.2017	229	103	96	428
167	30.04.2017	212	80	55	347
168	14.05.2017	251	145	109	505
169	28.05.2017	173	56	47	276
170	11.06.2017	219	85	75	379
171	25.06.2017	382	137	135	654





DEI Activity at village Padahan, District Sirmour, HP



Site of activity: village Padahan, Sirmour District, HP

In the picturesque terrain surrounded by pine covered hilly forests is ensconced the village of Padahan in Sirmour District of Himachal Pradesh.

In this village is the land where the Department of Botany is establishing fruit orchard, medicinal plant and vegetable gardens. The fruit orchard has most of the popular stone fruits as Peach, Plum, Nectrine and Khumani. Besides, such fruit trees as apple, parsimon,

walnut, Kiwi, lemon, manderine, pomegranate, fig and guava have also been established.



Aadu



Fig



Kiwi



Nectrine



Apple

Several medicinal plants as ashwagandha, Shatavar, Ruta, Jatamansi and celery are also being cultivated as teaching material for the Upvaid students.



Celery



Jatamansi



Ashwagandha



Shatawar

Several vegetable plants as tomato, capsicum, chillies, colocasia (arbi), maize and ginger are also being cultivated at the site.



Tomato



Colocasia and Ginger



Maize

In the coming years it is envisaged to develop this site into a state of the art smart agriculture with precision and remote control systems.

Editorial Board

Patron : Prof. P. K. Kalra
Chief Editor : Prof. J.K.Verma
Editors : Dr. Sona Dixit
Dr. Sonal Singh
: Dr. Akshay Kumar Satsangi

Members : Dr. Charu Swami, Prof. Praveen Saxena,
Dr. Neha Shivhare, Prof. V. Soami Das,
Dr. Saumya Sinha, Dr. Rohit Rajwanshi,
Shri R.R. Singh, Dr. Bhawna Johri.
Advisor : Prof. S.K. Chauhan