



DEI MONTHLY NEWS

"Life is not easy for any of us. But what of that? We must have perseverance and above all confidence in ourselves. We must believe that we are gifted for something, and that this thing, at whatever cost, must be attained."



**— Marie Curie
Nobel Laureate**

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Section A : DEI

2023 Stanford University Study Places Three DEI Professors among Top 2% in World Ranking of Scientists



Prof. V.B. Gupta



Prof. Sukhdev Roy



Prof. D.K. Chaturvedi

Stanford University's recent study of World's Top 2% Scientists, published by John P.A. Ioannidis *et al.*, in the publication titled, "*October 2023 data-update for Updated science-wide author databases of standardized citation indicators*", Elsevier Data Repository, V6, in the journal PLOS Biology (Impact Factor 9.8), on October 4, 2023, placed three DEI Professors in the coveted list. Professor V.B. Gupta, Co-ordinator, DEI Online and Distance Education Programme and former Head, Department of Textile Engineering, IIT Delhi, in the field of Polymers, Professor Sukhdev Roy, Head, Department of Physics and Computer Science, DEI, in the field of Optoelectronics and Photonics, and Professor D.K. Chaturvedi, Head, Department of Footwear Technology, in the field of Artificial Intelligence and Image Processing, feature in the list.

The extensive analysis was conducted using citations from the Scopus database assessing all scientists for career-long citation impact, till the year 2023, with at least five published research papers. Authors across all scientific fields were based on their ranking of a composite indicator considering total citations, h-index, co-authorship-adjusted Schreiber h_m -index, citations to papers in different authorship positions, and a composite indicator (c-score). All scientists were classified into 22 fields and 174 sub-fields. The selection was based on the top 1,00,000 scientists by c-score (with and without self-citations) or a percentile rank of 2% or above in the sub-field.

Faculty News

Faculty of Arts



'Hindi Diwas' was celebrated with immense enthusiasm on September 14, 2023, in Hindi Department, Faculty of Arts, DEI. Students of the institute participated with full enthusiasm expressing their views on the development of Hindi language and spoke about the need to encourage the use of Hindi as a spoken and technical language. Students also presented poems, memoirs, and essays in Hindi to celebrate the occasion. All the faculty members of Hindi Department were present to encourage the students. While giving Presidential Remarks, Prof. Sharmila Saxena, Head, Department of Hindi, spoke about the importance of Functional Hindi in the current age. Dr. Suraj Prakash, Asst. Professor in the Department, currently a visiting teacher at University of Tokyo of Foreign Languages, Japan, spoke on the importance given to Hindi in Japan. The event was a

huge success.

Staff News:

Dr Nishith Gaur delivered a lecture on the topic, "*Munishri Pranamyasagar Virachit Anasakt Mahayogi Mahakavya Mein Rasabhivyakti*" at National Conference on the Theme, *Bhartiya Gyan Parampara Evam Shraman Sanskriti Ek Anusheelan* organized by Shree Syadva Mahavidyalaya, Varanasi, UP, from 1 - 2 October 2023. She was also a Judge in District and Mandal (sub-district) level Sanskrit Song Competitions organized under the Bharatiya Bhasha Utsav Sanskrit Talent Exploration Programme by Uttar Pradesh Sanskrit Sansthan, Lucknow, on October 10, 2023.

Faculty of Education

Workshop on 'Development of Resources for Science Teaching' Organized



A One-day Workshop on “Development of Resources for Science Teaching” was organized in the School of Education, Faculty of Education, under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching, Ministry of Education, Government of India on 22 September 2023. Professor Nandita Satsangee, Dean Faculty of Education welcomed the Resource Person and the participants. The Resource Person, Ms. Aruna Katragadda Gali, Managing Partner, Digital School and Founder, School Radio, Vishakapatnam, oriented the participants with the applications and demonstrated the use of animations, games, videos, stories, models (made of waste materials) and puzzles in Science Teaching. Participants worked in groups to develop resources, and later, demonstrated the use of these aids in Science Teaching. 51 Teacher trainees participated enthusiastically in the Workshop. Dr. Sona Dixit, Co-ordinator, School of Education, proposed the Vote of Thanks. Dr. Jyotika Kharbanda and Ms. Rinky Satsangi were the conveners of the Workshop.

Faculty of Engineering

Staff News:

Prof. D.K. Chaturvedi, Dept. of Electrical Engineering was invited as a Key-note Speaker at the International Conference on 'Systems Engineering in Bioeconomy' organized at IIT Guwahati on October 11 - 12, 2023, and delivered a talk on Agroecology and AI-based Drone Technology. He also gave an Invited Talk at Jamia Millia Islamia University, New Delhi on 'Value Crises in Present time' on Oct 18, 2023.

Faculty of Science

Staff News:

Professor Sukhdev Roy, Head, Department of Physics and Computer Science, was appointed a member of the National Academy of Sciences India (NASI) Fellowship Scrutiny Committee for Engineering Sciences for the year 2023-24. He was the Conference Chair and delivered a Plenary Talk on “*Controlling the Brain and Heart with Light*”, at the 3rd Global Webinar on Laser, Optics and Photonics, August 1-2, 2023.

Students' Achievements

Himanshu Bansal, Research Scholar, Department of Physics and Computer Science, was awarded the Best Poster Presentation Award along with a cash prize of ₹100, from Springer Nature, at the prestigious Biennial International Conference on Photonics (PHOTONICS-2023) at the Indian Institute of Science, Bengaluru, held during July 5-8, 2023.

Section B: DEI-ODE (Online & Distance Education)

From the Coordinator's desk



The Indian Express of June 6, 2023, carried a rather timely article entitled 'Not So Open Learning' by Ashok Thakur (Former Secretary, Higher Education, Govt. of India) and S.S. Mantha (Former Chairman, AICTE) in which they argue that UGC's clampdown on Distance Education is opaque and goes against the spirit of the National Education Policy of 2020 (NEP 2020). This clampdown is mainly through restrictions on territorial jurisdiction, for example, deemed-to-be-universities are allowed to offer programmes in the Open & Distance Learning (ODL) mode only from the Headquarters. The authors argue that the fact that "higher educational institutions (HEIs) are required to adhere to the UGC's policy of territorial jurisdiction even for ODL, which on the face of it seems like an oxymoron. It runs contrary to the idea of open learning as the technology on which it rides knows no geographic or political boundaries. To artificially impose restrictions is like trying to stop winds from blowing across the open skies. How does one stop anyone from Delhi registering in Maharashtra? It is, therefore, time to have a re-look at this recommendation made in 2011 by the Madhav Menon Committee."

The UGC Chairman held consultative meetings with Vice Chancellors of HEIs recognised/entitled to offer ODL programmes / Online programmes on 17th October, 2023 and during this meeting we raised the issue of restrictions on territorial jurisdiction in ODL programmes. We reiterated that their removal will result in a substantial increase in enrolment and thus help the country in achieving the target of a gross enrolment ratio of 0.50 by 2035, as enshrined in NEP 2020.

(Prof. V.B. Gupta)

Gender Gap & Women's Empowerment

The Nobel Prize in Economic Sciences for the year 2023 was awarded to Claudia Goldin, a Harvard Professor, for advancing the world's understanding of Women's progress in the workforce, as reported in The Times of India on October 10, 2023. Her work revealed that labour force participation of the female labour force in the US showed a decline during the transition from agricultural to industrial society in the 19th Century and an increase with the growth of the service sector in the 20th Century. The newspaper report further states that "today women in the US make a little over 80 cents for every dollar a man makes. In the past, gender gaps could be explained by education and occupation. But Goldin has shown that most of the earning difference is now between men and women in the same jobs". And she attributes this to discrimination.

The Times of India of October 11, 2023, carried an article in its editorial page entitled 'Her Goldin Words' by 2019 Economic Sciences Nobel Laureates Esther Duflo and Abhijit Banerjee, both MIT professors. They state that Goldin's work is directly relevant to understanding why so few women in India are in paid work and how that can be changed.

The authors state in this article that "...a hundred years ago most women in the US did not work. While it is still true that women workers are less than men, the difference is not huge – 47% of the labour force is female today. That number was closer to 20% in 1920. Essentially only unmarried women worked – the fraction of married women in the labour force was 6%".

According to the authors, since in India a lot of women work on family farms and in family businesses where their contributions don't get noticed or recorded, most estimates would put an upper bound of 25% on the fraction of labour force that is female, which is close to that of the US in 1920.

The authors add that the obligations placed on married Indian Women at home (between running the home and taking care of the children and the elderly) are so demanding that a regular job outside the home is hard to manage. Another factor which discourages women from working is that men feel insecure when women become too economically independent, as was the case in the US in the 19th century. The authors also feel that too little is being done by the government to bring women into the workplace. This is an important brake on India's aspiration to be a great economic power.

Against this backdrop, DEI's contribution towards reducing the gender gap and working for women's empowerment has been exemplary. A co-educational Middle School (classes IV to VIII) started functioning in Dayalbagh over 100 years ago (on 1st January, 1917) and DEI has the unique record of enrolling 60% to 70% female students in the deemed-to-be-university since inception in 1981. While starting the Distance Education Programme of DEI, its Architect Most Revered Prof. P.S. Satsangi Sahab, Chairman of the Advisory Committee on Education (ACE, a non-statutory body serving as a Think-tank for DEI) was pleased to observe, – "the new initiative on distance education was an offshoot of our efforts on behalf of ACE to extend the benefits of vocational training via distance mode of education to remote and backward areas for empowerment of economically weak persons especially women who did not have access hitherto to quality education at affordable low cost or even free of cost". These were prophetic words for within less than 20 years the distance programme had trained over 25,000 students in different vocational trades and several others in higher level programmes who are helping the country to move forward. Around 40% of these were female. A number of them have become entrepreneurs. A remarkable offshoot of this is the story of Rajaborari – a small tribal village in the Satpura range of mountains in Madhya Pradesh, India, where a programme on Dress Designing and Tailoring ran for a few years and several housewives took it. Today a large number of females have been organized into a number of self-help groups and are independent earners. Prof. Sangita Saini of DEI who played a key role in this effort, has written a book entitled 'Women's Empowerment Through Social Enterprises', which narrates the arduous but exciting journey of this movement.

We conclude by quoting from a report in 'The Hindu' of June 21, 2023, that India has a rather low rank of 127 out of 146 countries in the global gender index of the World Economic Forum for the year 2023. The country had improved by 1.4 percentage points from 2022 figures. It had closed 64.3% of the overall gender gap but had reached only 36.3% parity in economic participation and opportunity. A silver lining, which will delight the educationists, is that the country has attained parity in enrolment across all levels of education.

Iceland is the most gender-equal country in the world having closed 90% of the gender gaps, China stands at 107, Sri Lanka at 115 and Pakistan at 142.

Contributed by Prof. V.B. Gupta, Coordinator, DEI-DEP

News From the Centres

DEI Training Centre at Gadiras (Sukma) and Jalandhar Celebrated 'Azadi ka Amrit Mahotsav: Meri Mati Mera Desh' Campaign



As per the directives received from the Ministry of Home Affairs, Govt. of India, 'Azadi ka Amrit Mahotsav: Meri Mati Mera Desh,' a patriotic campaign at the Panchayat level, was celebrated at DEI Training Centre, Gadiras (Sukma) by all the teachers, students, villagers and Sarpanches on Sept 22, 2023. The programme started with University Prayer. It was followed by the rendition of a song dedicated to the motherland by the students. Sh. Anami Sharan, Second In Command, 2nd Bn CRPF and other officials of CRPF graced the occasion with their presence. The Sarpanches of 4 village Panchayats namely Gadiras, Kondre, Mankapal and Bodko and Panchayat Secretaries were also present to make the event a momentous one. 'Amrit Kalash Yatra' was organized and Amrit Kalash was filled with Mati by villagers, Sarpanches and students. A short speech was delivered by Sh. Anami Sharan on the importance of the event. The programme ended with the National Anthem. The event was a grand success.



Following the directives received from the Ministry of Education Govt. of India, Amrit Kalash Yatra was organized in the Campus of Information Centre, Jalandhar on October 12, 2023. The Distt. Secretary, Mr. Jasbir Singh presided over the function. Mr Abhishek Kalra, the Branch Secretary, was the Guest of Honour on the occasion. Mr. Balbir Singh, the Centre In charge, felicitated the guests. The event started with the Badge-pinning ceremony by an alumnus to honour the guests and welcome them to the Institute.

A brief introduction was given on the 'Amrit Kalash Yatra' and 'Paanch Pran: Resolves' for Developed and Resurgent India. The students of GMT and Electrician and Wiremen courses were also detailed about 'Meri Maati Mera Desh Campaign'. The Maati collected from different sources was collected and later on, poured in the Kalash after taking the pledge of 'Paanch Pran' by the group.

The In-campus yatra was concluded in the agricultural land of the Satsang Bhawan. The Maati was again mixed with the sacred soil of the farm. The patriotic feelings mixed with a note of gratitude towards resolve for developed India enthralled the participants. The event ended with a note of

thanks to all who participated.

DEI Information Centre Karolbagh Organized 'Swacchta Abhiyan'



At DEI's Karol Bagh Centre, 'Swacchta Abhiyan' was organized in a public park on 8 October, 2023, in which present students, ex-students and faculty members took part enthusiastically and inspired others to maintain cleanliness.

Teacher's Day Celebration at Murar Centre



Teacher's Day was celebrated at the Information Centre, Murar, with great enthusiasm. The Celebration started with the Institute Prayer, which was followed by a presentation of the cultural programme by the students. Students recited inspirational poems and songs and also delivered speeches based on the contribution and characteristics of Teachers. The Centre in-charge explained the importance of celebrating Teacher's Day. The programme ended with the University Song.

Alumni Interaction of Batch 2022-23 at Faridabad Centre

DEI Information Centre, Faridabad, organized the Alumni Meet of batch 2022-23 on 20 September 2023 in the Centre. The Centre In charge, Dr. Jayender Verma welcomed the students of batch 2022-23 of the OACO programme. He talked about the importance of the alumni for the Centre and also the importance of the Institute in their lives. During the Interaction session, the alumni discussed about how to become an entrepreneur and how to undertake start-ups. They shared information about various job opportunities and the importance of online service providers like LinkedIn. Besides this, they also shared their personal experiences.

The alumni updated their records and contact numbers. They were presented with souvenirs as a token of remembrance. In the end, the Vote of Thanks was proposed by the Centre In charge and the meeting concluded on a positive and energetic note, followed by tea and snacks.



Section C: DEI Alumni (AADEIs & AAFDEI)***From the Editor's desk***

The article entitled 'Ethics and Empathy – The New Leadership Imperative', included in this issue, underlines a worrying condition plaguing our society-- namely the disconnect between ethics and economic growth. As we reach the heights of technological progress and material success, one cannot help but wonder if we have not paid a heavy price for it. As parents and teachers, it is essential we inculcate in the youth, the values of empathy and kindness, the courage to stand for what is right thus helping them to make decisions which are morally sound, while steering them away from fear and falsehood. The quality of our lives depends upon how successfully we can balance strong work ethics and high moral principles with personal and professional growth.

The Dayalbagh way of life follows the ideal of 'better worldliness' which is well integrated with the DEI system of education. On January 18, 2020, Shri. Ajay Sawhney, Secretary, Electronics and IT, Government of India, was pleased to opine, "Deeply impressed with the sense of spirituality, culture and volunteerism that is palpable and visible in all of Dayalbagh. Combining the strengths of this extraordinary institution with the immense power of ICT, Electronics and wide array of emerging technologies, I'm confident that many real-life problems hitherto difficult to solve can be resolved with home grown solutions. Best wishes to this vibrant community and those who motivate it."

Your response in the form of comments and contributions at aadeisnewsletter@gmail.com. will be deeply appreciated!

Ethics and Empathy – The New Leadership Imperative

Sugandha Singhal, Currently, VP- Head Treasury SRF Limited; Batch 2000-2001 MBA, DEI



We live in a world which is undergoing a transformation enabled by technology. Easy access to information and AI have transformed our ability to contribute. In this new age of Information Technology while technical skills and strategic acumen are undoubtedly essential, but they are no longer the differentiator for a successful leader. As a matter of fact, ethics and empathy have emerged as the cornerstone of effective leadership.

Ethics are the moral principles that govern people's behaviour and the way they conduct themselves professionally, while empathy is the capacity to understand or feel what another person is experiencing from within. Ethics and empathy together, act as a much-needed moral compass in this digital era.

Ethics have always been the cornerstone of human existence. Today the technology sector is a maze of highly complex social, political, economic, technological, and environmental systems as a result of which, the underlying tension between behaving ethically and achieving important goals has increased all the more. The leaders often face situations where the most profitable way may not be ethical and upright. Thus, it is imperative to develop "Ethical Leaders" who have the courage to take decisions that are morally correct, and which are for the common good. The leaders of the future will also have to work with a workforce that is diverse and would have a different way of working and thinking and would be impacted by different personal, social, and political factors. Ethical leaders in the new age of work ethics must consider how these factors affect the individuals that they deal with. Thus, along with ethics, leaders need to understand people and have empathy.

Studying in Dayalbagh naturally instils these traits during student life. Apart from academic excellence, students are exposed to the basics of life through agricultural practices, medical camps, dairy practices, community service etc. Working selflessly in challenging conditions catalyse a transformative shift in the mindset and perspectives of students. It helps them develop empathy and appreciation for hardship and struggles endured across various walks of life. This mindset gives them the courage to choose values and ethics over profitability.

I am deeply grateful to have had the opportunity to graduate from the Dayalbagh Educational Institute, where I learned and embraced these core values that continue to shape my life.

AAFDEI Activities: A Report

Compiled by Vasant Vuppuluri, Member, AAFDEI

The Association of Alumni and Friends of DEI (AAFDEI) has operated as a registered nonprofit organization in the United States since 2009 under 501(c)(3) of the Internal Revenue Code of 1986. In 2020, the Alumni Placement Assistance Cell (APAC) was formed as a dedicated team within AAFDEI, known as AAFDEI-APAC, whose mission is to provide career development assistance to members of the community in the USA and Canada. AAFDEI-APAC also offers assistance and advice to candidates who are transitioning to North America from India.

The members of AAFDEI are employed in a diverse range of industries and organizations, enabling AAFDEI-APAC to build a strong network of enablers across North America to assist job seekers by providing referrals in relevant organizations and offering guidance in job placement. A plan of action is in progress to develop targeted assets for job seekers. These assets include interview question banks and industry certification guides. AAFDEI-APAC also hosts a monthly virtual open forum for job seekers. In addition, quarterly webinars and workshops are hosted. A workshop on internships was held with speakers from various industries on 8 October 2023. Apart from employment assistance activities, AAFDEI also regularly assists DEI with preparation and review of course content. The development of a course in Circular Economy was recently concluded. In addition, AAFDEI is currently engaged in developing and reviewing course content for the Bachelor of Commerce curriculum.

Alumni Bytes...

The biggest takeaway from education in Dayalbagh is..."

Being a student of DEI is a great blessing! I feel indebted for having received value-based education and learning that has profoundly influenced every aspect of my life. Education at DEI aims at excellence and prepares students for techno-oriented society without uprooting them from their roots. It generates the values of humanism, equality and fatherhood of God and brotherhood of man. I feel proud to have been associated with such an esteemed institute.

-Anjali Paul, Batch BCom 1994, MBM 1996, PGDT 2012, DEI; Mentor, MoMSP (2010-2021), MBA (2016-2020), DEI Noida Information Centre

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