



DEI MONTHLY NEWS

"In the history of science, ever since the famous trial of Galileo, it has repeatedly been claimed that scientific truth cannot be reconciled with the religious interpretation of the world. Although I am now convinced that scientific truth is unassailable in its own field, I have never found it possible to dismiss the content of religious thinking as simply part of an outmoded phase in the consciousness of mankind, a part we shall have to give up from now on, Thus in the course of my life I have repeatedly been compelled to ponder on the relationship of these two regions of thought, for I have never been able to doubt the reality of that to which they point."



-Werner Heisenberg
Nobel Laureate

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Section A: DEI**Teachers' Day Celebration in the Institute**

Teachers' Day was celebrated with zeal and enthusiasm by the students of DEI in the International Seminar Hall on 5 September 2022. The programme began with the Institute Prayer. Thereafter, Gaurav Sabhani, a student of B.Sc. (Hons.), paid tributes to Dr. Sarvepalli Radhakrishnan, former President of India, who is well-acclaimed as a brilliant teacher, and a great philosopher.

A group of students paid homage to teachers through 'Guru Vandana' recited melodiously. The students applauded the contribution of the entire DEI Teaching Community highlighting the teacher-student bond in DEI and saluted the teaching fraternity for their hard work, dedication, and commitment. A self-composed poem paying respects to teachers was presented by Ms. Megha, a student of B.Tech. Second Year.

On this auspicious day, Prof. Sahab Das, Prof. Surat Kumar, and Prof. K. Maharaj Kumari who retired after a long, devoted and committed service to DEI, were honoured through the presentation of Mementoes. These teachers in their addresses acknowledged that they have learnt a lot from the Institute and would always remain available to render their services to the Institute.

Prof. P.K. Kalra, Director of the Institute, wishing a happy Teachers' Day, stated that the teachers are powerful role models who after parents have a great influence in shaping young minds. He stressed that the progress of any educational institute is advanced by its teachers who set an example of selfless service towards both, students, and the institute. Remembering his own teachers on this occasion, Prof. Kalra acknowledged that it was his teachers who made him aware of the different meanings of "Guru" and emphasized that the one who takes us to the path of salvation is our ultimate "Guru".

Km. Pratiksha Maurya, and Km. Smriti Singh, students of B.Sc. (Hons.), successfully compered the programme. Km. Nikita Kalra, also of B.Sc. (Hons.), read out the felicitation scripts for the teachers who were honoured. Km. Madhurie, a student of B.Tech. Second Year, proposed a Vote of Thanks on behalf of all the students of DEI. The programme ended with the Institute Song followed by the National Anthem. The celebration was attended in Audio / virtuous-virtual mode by a large number of staff, students, and many others.

Faculty News

Education Faculty:

Special lecture on “How to do Good Quality Research” Organized

A Special lecture on “How to do Good Quality Research” was organized on July 7, 2022, in School of Education, Faculty of Education, under the PMMMNMTT initiative. The talk was delivered by Prof. Sukhdev Roy, Head, Department of Physics and Computer Science, DEI. Prof. Roy deliberated on selecting a problem, nurturing good taste, monitoring activities of leading research, the importance of research environment, experience sharing, and accessibility. He suggested that the researcher must be able to claim that something new is done, how it will impact the reader and the importance of proof-reading and introduction. He motivated the participants to successfully challenge and critically evaluate their writing. The lecture ended with interaction and discussion. Seventy Teacher Educators, University Professors, and Research Scholars participated with enthusiasm. The lecture was coordinated by Dr Sona Dixit.

Staff News

- Dr Sona Dixit successfully completed a short-term course (ICT Enabled Learning) from 20 to 27 June 2022, conducted online by the UGC-Human Resource Development Centre, Kumaun University, Nainital. Dr Dixit also completed the Two-Week Faculty Development Interdisciplinary Refresher Course in “Managing Online Classes and Co-creating MOOCs” from 13 to 27 July 2022 conducted online by the Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT, Ministry of Education, Govt. of India.

Dr Kalpana Gupta participated in a seven-day faculty development programme organized by Teaching Learning Centre, Ramanujan College, University of Delhi from 16 to 22 July 2022 on 'Academic Research Writing and obtained grade A. She also participated in the seven-day international virtual faculty development programme organized by Manav Rachna International Institute of Research and Studies, Faridabad, Haryana, and Cape Comorin Trust India from 25 to 31 July 2022 on 'Creating and Stimulating Research Based Teaching in Higher Education' in which, again, she obtained grade A. Along with this, Dr Gupta also participated in a one-week online workshop on Effective Teaching organized by Bharat Digital Academy, Aligarh, from 16 to 20 August, 2022.

College News:

Alumni Meet Organized at DEI Technical College



An Alumni meet of the students of Diploma in Engineering, Batch-1994-1997, was organized in DEI Technical College on 9 July 2022. Dr. Mukesh Kumar coordinated this

programme. The aim of this programme was to introduce the alumni to the present batches of students for motivation and also to conduct the celebration of their silver jubilee. The alumni gathered at the University with great enthusiasm and passion. They visited various departments of the college with nostalgic fervour. Principal of DEI Technical College, Mr. V P Malhotra shared with them the progress of the College in 25 years (1997-2022) and gifted the alumni Mementos. The alumni also presented a Souvenir to the Principal. They shared their experiences with the current students and also counselled them regarding their career choices. A cultural programme was also presented in which both ex-students and current students zealously participated. Dr. M Radhakrishna proposed a Vote of Thanks. After completion of the Introduction Session, the ex-students proceeded towards the Technology Park of the College for tree plantation. A football match was also played between the alumni and 2nd-year students. The 2nd-year students won the match.

School News:

DEI P.V. Primary School Children Attain Top Ranks at SOF Olympiad

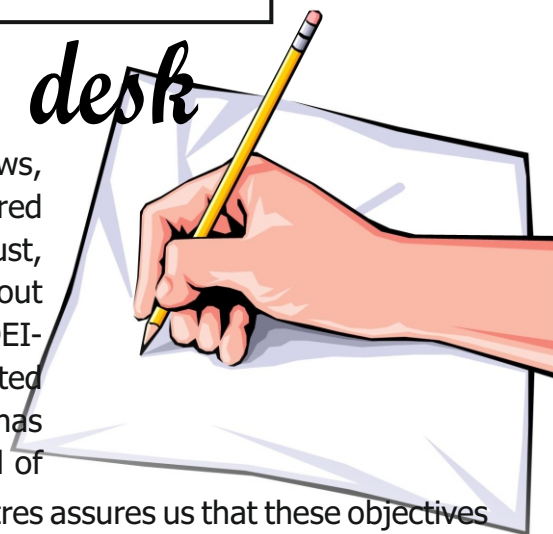
Four students of the DEI P.V. Primary School attained commendable achievements in SOF OLYMPIAD Exams in six subjects during the academic year 2021-22. A total of 37 students from the school participated in the world's biggest Olympiad conducted by over 68000 schools spread across 48 countries. The details are mentioned below:

S. No.	Name	Class	Subject	International Rank
1.	Amrit Satsangi	III	Mathematics Social Studies Cyber English	2 6 6 18
2.	Saar Paul Satsangi	III	Mathematics	2
3.	Satt Vaish	III	Mathematics	8
4.	Akshar Suri	V	Mathematics	11

Section B: Online & Distance Education

From the Coordinator's desk

Starting with the first issue of our Newsletter, DEI-DEP News, which was released on January 31, 2013, by Most Revered chairman of ACE, it has been a long journey going upto August, 2022, which brings it very close to 10 years of publication without any interruption. The first Hindi version of the newsletter, DEI-DEP Samachar, was released in July 2021 and it has completed one year of publication. The main objective of the newsletter has been to have enhanced interaction amongst the centres and of the centres with the HQs. The feedback received from the centres assures us that these objectives have been and are being met quite well.



Instructions were received earlier this month from Most Revered Prof. P.S. Satsangi Sahab, Chairman of ACE to integrate our Monthly Newsletter with those of DEI and AADEIs and the first integrated Newsletter is now in your hands. An immediate advantage of this major change in format is that we get a Bird's Eye view of the important happenings in DEI and Online & Distance Education and also in the activities of our Alumni in one newsletter. It must also be understood that conveying relevant and important information in a shorter space actually increases our responsibility as it always needs greater effort to describe an event or an idea in a short space so that we do justice to it. The centres must stay assured that we will continue to give space to the news received from them provided it reaches us in time.

(Prof. V.B. Gupta)

News from the HQs

Fresh admission in the Online and Distance Education Programmes of DEI for the 2022-23 academic session.

UGC – entitled Online Programmes:

B. Com (Hons)	49
BBA	79
B.A. (Sociology)	3
M. Com	28
M.A. (Theology)	8
Total	167 Students

Certificate Level Programmes:

A total of **388** students have been admitted.

Grand total of fresh admission – **555** students.

News from Information Centres

Ministry of Textiles Distributes Sewing Machines and Embroidery Toolkits to Tribal Artisans at ICT Centre-Rajaborari, M.P.



A joint function was organized at ICT Centre Rajaborari on September 16, 2022 in which Mrs. Arpana Deshmukh, Assistant Director, DC Handicrafts Indore, Ministry of Textiles distributed Sewing Machines and Embroidery Toolkits to fifty tribal women who were provided training at ICT Centre - Rajaborari. During the past two years, 160 Scheduled Tribes men and women from the age groups of 18-40 years were enrolled in the Crochet and Bamboo handicraft training programme at Rajaborari and were registered at the Ministry's portal as recognized artisans. Under the Ministry's Direct Benefit Transfer (DBT) scheme, 71 eligible women artisans had applied recently and out of them, fifty women had been selected by the Ministry for receiving the toolkits. Each selected beneficiary was provided Sewing Machines and Embroidery Toolkits worth Rs. 10,000 each.

Independence Day Celebrations at Information Centre Jamshedpur and Atlanta Centre

On the occasion of completing 75 Years of Independence, the Staff and Students of DEI ICT Centre Jamshedpur participated in the 'Azadi Ka Amrit Mahotsav' & 'Har Ghar Tiranga Campaign' on the behest of the government of India from 13 -15 August, 2022. The students and staff members pinned Flags on the Govt. website, uploaded selfies and generated certificates of participation. The National Flag was hoisted at the Centre's building during this period. During the campaign the students shared innovative contents based on the theme of Independence and uploaded on social platform using different Hashtags.



The students also made innovative posters and decorated the hall and campus beautifully. Live Transmission of the Flag Hoisting Programme was received from DEI Main Campus on the Independence Day, after which the local celebration took place in which students of 2nd and 3rd year participated by singing Patriotic Songs and delivering speeches. A three-round Quiz was also organized based on Independence Day, which was won by the 3rd Year Diploma students. The Programme ended with the distribution of sweets and snacks to the gathering.



The Atlanta DEI Centre, USA, celebrated the completion of 75 years of Independence of India with patriotic spirit. The programme started with the March Past by the children of Atlanta Branch Satsang. This was followed by recitation of the Indian National Anthem (Jan Gan Man) and American National Anthem (Star- Spangled Banner). Later, all kids and adults participated in group discussion on the significance of 'Tiranga' and what three colours (Saffron, White and Green) and the 24 spokes in the Chakra represent in the Indian flag. Thereafter, the children presented their research on their favourite freedom fighters - Mahatma Gandhi, Rani Lakshmi Bai, Sardar Bhagat Singh, Dr B.R Ambedkar, Sardar Vallabh bhai Patel, Pt. Jawahar Lal Nehru, Smt. Kamala Nehru, Smt. Sarojini Naidu, and many others. Thereafter, children made Tricolour cupcakes as symbolic representation of three colours of the Indian flag. It was a memorable event for all.



Murar Information Centre

An orientation programme was organized at the Information Centre Murar, Bihar, on 8 September 2022. In this programme all the teachers, newly admitted students and their parents participated with interest. The programme started with the Institute prayer followed by the presentation of Centre In charge encompassing details of the Education Policy of Dayalbagh Educational Institute (deemed to be university) and the courses running in the Centre. Shri Prem Pyara Satsangi shed light on the importance of the Orientation Programme. Shri. Gurmehar Verma highlighted the duties of parents and students to be executed for a successful future. A power point presentation was shown to apprise the students and parents about various aspects of academic procedures followed at DEI. Following this, the students were invited to introduce themselves to the gathering. Finally, the programme ended with the distribution of light refreshment to all present. The event was indeed a grand success with parents and students parting with a sense of satisfaction and pride.

Section C: DEI Alumni (AADEIs & AAFDEI)

From the Editor's Desk



The old order changeth, yielding place to new

These lines by the Victorian poet Alfred Tennyson resonate with us as we present a glimpse of the AADEIs-AAFDEI Newsletter in a new avatar! Newzy, crispy and precise, the new format is topical and contemporary. With today's digital world on the move, this was a blessed Mandate to which we bow down happily. The commitment is that we will come to you every month with breezy news and updates followed by a translated version in Hindi. This issue welcomes Dr Gurpyari Bhatnagar and Dr Vasant Vuppuluri to our Editorial Board. Above all, we bow down and pray to the ever Merciful Most Revered Gracious Huzur for showering us with His constant and continuous Guidance, Support and Care.

Your comment is participation; your contribution, worthy of publication; so do write to us at newsletteraadeis@gmail.com or premksri@gmail.com before the end of every month for inclusion in our next issue, the next month.

How DEI Shaped my Path

Priti Gupta

MSc, PhD, Department of Physics and Computer Science, DEI

Being an Army Officer's daughter, I spent my childhood all over the country, but every year during the summer holidays we visited Dayalbagh and enjoyed the 'Dayalbagh way of life'. The MSc Physics programme that I pursued at DEI was very well designed and offered an exciting range of courses, from VLSI Design to Statistical Physics, from Quantum Mechanics to Microprocessors. I enjoyed taking all these courses but one



course that particularly caught my interest was a course in Neural Networks. At DEI, I also got a chance to represent my MSc project work at several international forums including the Institute of Scientific Interchange at Torino, Italy.

With a Ph.D. in Neuromorphic Engineering and Computational Neuroscience and with the guidance of Most Revered Prof Prem Saran Satsangi Sahab, I too got inspired to explore the exciting area of Consciousness Studies and also got a chance to present some of my work on Quantum-Hebbian at these forums. The biggest difficulty in pursuing this research is to merge eastern and western scientific perspectives. While the eastern perspective regards consciousness as the ultimate reality, western science, which dominates the field only treats consciousness as an outcome of brain function.

While I was still thinking of how I would move ahead with my goal, a great opportunity knocked at my door. During my Ph.D. at DEI, I got selected for Resonance - a prestigious summer school in Neuroscience, organized jointly by MIT- Harvard and IIT Delhi. The goal of the summer school was to motivate students to pursue big questions in Neuroscience. I am currently a postdoctoral fellow at the School of Information Technology, IIT Delhi and I continue to pursue my research in understanding brain development using behavioral and computational methods, in close collaboration with Project Prakash and Sinha Lab at the Department of Brain and Cognitive Sciences, MIT. I cannot help but acknowledge that DEI had a very vital role in shaping my life's trajectory.

The woods are lovely, dark and deep. But I have promises to keep, and miles to go before I sleep.....

Alumni Bytes...

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

"...that it has ingrained & infused Karma Yoga with the thought of 'Why Not?' in me. It has made me a humble Nullisecundus DElite to serve all beings as service to God."

- Madhulika Nemani,

MBM (1995)

"...development of confidence in oneself by sheer dint of hard work, perseverance, selfless service, and ability to meet all challenges, in an endeavour to develop into a complete man."

- Sapna Munjal Sharma,

B.Ed. (2003-04), M.Sc. Electronics (2004-05), M.Phil. (2010-11)

AADEIs Chapter Meets

AADEIs Chapters kickstarted the process of holding Alumni Meets after the opening up of the Covid restrictions.

Jamshedpur, Pune, Bengaluru and Mumbai Chapters held their 1st Alumni Meets while Delhi – NCR Chapter held their 2nd meet. Jamshedpur, Pune, Mumbai and Delhi-NCR held their meets in a 'virtual mode', the Bengaluru Chapter in collaboration with the DEI-ICT Open Distance & Learning (ODL) Bangalore Campus organized it in the 'physical' mode.

All Alumni Meets followed the 'Approved' SOP and agenda.

Dr. S K Satsangi, President AADEIs, addressed the alumni at each Alumni meet and conveyed his best wishes for the upcoming activities and events of the chapter. Members from the core team of

AADEIs and Chapter Heads interacted with the alumni. The fun activity, 'Time Travel' was thoroughly enjoyed by all the participants. The feedback polls also showed a very high level of satisfaction (>90%) with the Meets and the format.

Chapter Meets' Highlights:

Jamshedpur 8th May 2022 (Virtual mode): Well attended by 32 alumni of DEI.

Pune 29th May 2022 (Virtual mode): Well attended by 40 alumni of DEI.

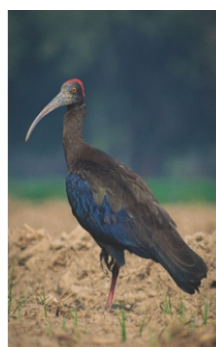
Bengaluru 5th June 2022 (Physical mode): Well attended by 65 alumni of DEI. The event was also attended by the ICT center-in-charge Prof. TVSN Murthy and a few other ICT faculty.

Mumbai 12th June 2022 (Virtual mode): Well attended by 28 alumni of DEI.

Delhi-NCR 3rd July 2022 (Virtual mode): This second Virtual Meet was held on 3rd July 2022 to welcome and orient 21 new members. The overall strength in Delhi NCR is now 50 members and growing!



Picture Perfect



This photograph of a Red-naped Ibis was shot by Pranay Bhatnagar (MSc Zoology, 2022) at Dairy, DEI, Dayalbagh, which got featured in BBC Wildlife Magazine (e-version) as Photo of the Day.

Synergies between Industry 5.0 and Education 5.0

Pami Dua

Associate Member (lifetime) AADEIs



As you, graduating students, step out into the real world, I would like you to reflect on the synergies between Industry 5.0 and Education 5.0 with a focus on 'human touch' which aims to deliver a tailored customer experience, personalized employee training, and the next level of an immersive ecosystem. Industry 5.0 shifted the paradigm from “digitalization” to “personalization” and reintroduced the concept of 'human touch' with significant advances in the domain of immersive technologies. It integrates cyber-physical with physical-conscious space,

laying the foundation for a technology based and human centred super smart society revolving around “Human Centered Artificial Intelligence”, as aptly described by Ben Shneiderman in his book. This includes enriching the education sector with the 'Human Touch' and personalized learning. Education 5.0 encompasses 21st century skills, namely Learning, Literacy and Life Skills. It is a move towards knowledge and customized skill-based education at one's doorstep.

-Excerpts from the Convocation

Address delivered at Indira Gandhi Institute of Development Research (IGIDR) (Deemed to be University), Mumbai, May 13, 2022



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(Online & Distance Education)

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