

UNIVERSITY OF DELHI – 98th Annual Report 2021

1. Name of the College: Zakir Husain Delhi College

2. Major activities and achievements during the period

At the 63rd Annual Flower Show organised by the University of Delhi, on 5th March 2021, the college won the 'Kalindi College Trophy for Best Hanging Basket of Money Plant', 'The Delhi School of Social Work Cup', 'The Kirori Mal College Cup' and several more prizes for Rock Garden, Rose Garden, flowering potted plants arranged in a group, non-flowering potted plants arranged in a group, College Greening and Cleanliness, and Shri Parmanand was awarded 'Corona Warrior Mali' and Shri Ashok was awarded 'Best Mali'.

Dr. P. K. Shishodia, coordinator DBT-STAR College Scheme, organised an online interdisciplinary workshop on "Data Manipulation and Visualisation through Statistical Software R" from the 27th to the 31st of July 2020.

Dr. Divya Tiwari, as Convenor -ICC, organised a training session 7th November 2020 conducted by Ms. Richa Tiwari, Advocate and Proprietor of Legal Fellow, Noida, India. A Virtual session on Women's rights and protection against domestic violence was organised on International Women's Day on 9th March 2021 in collaboration with Central Delhi Legal State Authority (CDLSA). It was conducted by Ld. Secretary, CDLSA, Niti Suri Mishra.

3. Honours/ Distinctions

- Dr. Mohd. Qasim, Arabic Department, secures Membership (01 July 2020-30 June 2022) in the General Assembly of the International Council for Arabic Language under International Federation of Arabic Language, Beirut, Lebanon.

4. Students with Distinctions -NA-

5. Publications

1. Ahmad, **Abdullah**, and S. S. Irfan, Nonlinear system of mixed ordered variational inclusions involving XOR operation, Australian Journal of Mathematical Analysis and Applications, 18(1), 2021, Art. 21.
Abdullah, Characterization of non-stationry wavelets and non-stationry multiresolution analysis wavelets related to Walsh functions, Complex Analysis and Operator Theory, 2021. DOI: 10.1007/s11785-021-01132-4
Abdullah and Mohd Rafiq, A new numerical scheme based on Haar wavelets for the numerical solution of Chen-Lee-Liu equation, Optik, 226 (Part 2), 2021, 165847. DOI: 10.1016/j.ijleo.2020.165847
I. Ahmad, **Abdullah**, K. M. Khedher and S. S. Irfan, Stability and convergence analysis for a new class of GNOYIP involving XOR operation in ordered positive Hilbert spaces, Filomat, 34(9), (2020). DOI: 10.2298/FIL2009877A
2. **Ahmad, Naseem**. (2020) أهم كتب السيرة النبوية المترجمة من الأردية إلى العربية in "Dirasat Arabia" Centre of Arabic and African Studies, JNU, New Delhi, Issue No. 7, ISSN: 2348 – 2613.
3. **Arora, K. K. and Sarita Passey**. (2020). "Schiff's Bases as Potential Mapping Agents for Iron Traces on Skin". *International Journal of Trend in Scientific Research and Development (IJTSRD)*, 4,1479-1481.
Arora, K. K. and Sarita Passey. (2020). "Use of a Fluorescent Schiff's Base as Developing Agent for Latent Finger Prints". *International Journal of Trend in Scientific Research and*

- Development (ijtsrd), 5, 625-627.
- Passey, Sarita and K.K. Arora.** (2020). "A Convenient Laboratory Preparation of Acetanilide A safe and green procedure for acetylation of aniline". Forthcoming in *Resonance*, November 2020.
4. **Chaturvedi, Mukul.** (2020). "Gendering Disability in Dharamvir Bharti's Gulki Banno: 'The Hunchback Bride'" in Someshwar Sati and GJV Prasad eds. *Disability in Translation: The Indian Experience*. London, New York: Routledge.
- Chaturvedi, Mukul.** (2020). "Recasting Caste: History, Memory and Identity in Dalit Women's testimonios" in *Journal of Comparative Literature and Aesthetics* (Vol. 43, No.3 Autumn 2020) ISSN 0252- 8169 (published by Vishvanatha Kaviraj Institute of Comparative Literature and Aesthetic, India.)
- Chaturvedi, Mukul.** (2020). "An Ode to Iman-e-Hind: Translating Badshah Husain Rana's Urdu Ramayan" in *Muse India* Autumn Issue No.93 (Sept-Oct) 2020. (ISSN 0975-1815). E-Journal
- Chaturvedi, Mukul.** (2020). "Lakkha Bua" in *Indian Literature* (Sahitya Akademi Bimonthly Journal) No.319 Sept/2020 Vol. LVIV No. 5. pp. 99-110.(ISSN 0019580-4) Print.
5. **Kumar, Sanjeev.** (2020). *Gandhi and the Contemporary World*. London & New York: Routledge.
- Kumar, Sanjeev.** (2020). *Sagharsh Samadhan ka Gandhimarg: Ek Rachnatmak Drishtikon* in B.K. Nagla (ed) *Bhartiya Samajshastra Samiksha* pp -170-79, Vol 7, Issue 1, New Delhi: Sage.
6. **Kumar, Vinay, Rajiv Aggarwal, Pankaj Sharma, Bhavneet Kaur,** Fractal basins of attraction in a binary quasar model, *New Astronomy* (2021) <https://doi.org/10.1016/j.newast.2020.101543>.
- Kumar, Vinay, Pankaj Sharma, Rajiv Aggarwal, Sushil Yadav and Bhavneet Kaur,** The unpredictability of the basins of attraction in photogravitational Chermnykh's problem, *Astrophys Space Sci* 365(6) (2020), Springer, <https://doi.org/10.1007/s10509-020-03815-4>.
7. **Qasim, Mohd.** "Al-Lughat al-Arabiya fi al-Hind bain al-Madi wa al-Hadir wa al-Mustaqbal" (Arabic) and "Tarjamat wa Tafseer Ma'ani al-Qur'an fi al-Hind" in "INDIA AND THE ARABS: Civilization and Culture", compiled and edited by Dr. Md. Aftab Ahmad (IACC/JMI) and Dr. Mohd. Qasim (ZHDC/DU), ISBN: 9788195028801, Markazi Publications, New Delhi-25, (2021). pp. 123-146. Arabic.
8. **Malik, Abdul.** (2020). "Tazkira Sahbanulhind Hazrat Maulana Ahmad Saeed Dehlavi". New Delhi: Azra Book Traders.
- Malik, Abdul.** (2020). "Tazkira Maulana Muizuddin Ahmad Gondvi". New Delhi: Aljamiat Book Depot, Jamiat Ulama i Hind.
9. **Marwah, Anuradha.** (2020). "From Euripides' *Medea* (431 BCE) to Tagore's *Kabuliwala* (1892): A Theatre Journey for Justice and Fairness". *Voices: Voices of Interdisciplinary Critical Explorations*: vol 9.1 August-September 2020, p 31-39
- Marwah, Anuradha.** (2020). "Like Mayonnaise with Everything". *Voices: Voices of Interdisciplinary Critical Explorations*: vol 9.1 August-September 2020, p 135-138
- Marwah, Anuradha.** (2021). "Indo chic vs. the Political Novel: Arundhati Roy and Writing Exigency". *Langlit* vol 7.3 Feb. 2021, p183-190
10. **Md. Quamruddin.** (2021) "Al-Tarjamat al-Injiliziyyah Li Ma'ani al-Quran al-Kareem Fi Al-Hind" in Dr. Md. Aftab Ahmad and Dr. Mohd. Qasim Adil *India and the Arabs*. New Delhi: Markazi Publications.
- Md. Quamruddin.** (2021) "Abdul Majid Daryabadi's English Tafsir-ul-Quran: An Analytical Study" in *Abdul Majid Daryabadi's Tafsir-ul-Quran A Critical Study*". Aligarh: Brown Book

Publications Pvt. Ltd.

11. **Obaidullah, Dr. Md.** Urf Mohiuddin. (2021). “علم الحديث في الهند: دار العلوم ديوبند نموذجا” in “الهند والعرب ثقافة وحضارة” in “India and the Arabs, Civilization and Culture”. New Delhi. Markazi Publications.
 12. **Singh, Pradeep Kumar and Pankaj Sharma**, A Comparative Study of Fluid Flow in Hemodialyzer using Differential Transform Method, Macromolecular Symposia (2021), Wiley Online Library <https://doi.org/10.1002/masy.202000338>
 13. **Singh, Shraddha A.** (2021). “Vulnerable Others in and of Environmental Research”. Rev. of *Patriarchy and the Pangolin: A Field Guide to Indian Men and Other Species* by Aditi Patil. *The Book Review* Vol. XLV No. 3. New Delhi.
Singh, Shraddha A. (2021). “Science Fiction and the Ecological Imagination in Ray Bradbury’s ‘A Sound of Thunder’”. *Imagining Worlds, Mapping Possibilities: Select Science Fiction Stories*. Ed. Sakshi Dogra and Shweta Khilnani. New Delhi: Worldview Publications.
Singh, Shraddha A. (2020). “A Human(e) Response to the Coronavirus Pandemic”. Rev. of *A Crown of Thorns: The Coronavirus and Us* by Kalpish Ratna. *The Book Review* Dec 2020, Vol. XLIV No. 12. New Delhi.
 14. **Tiwari, Divya.** (2020). *Religion and Happiness in International Journal of Applied Ethics*. Volume 7, Centre for Ethics and Values, Ramanujan College, University of Delhi.
6. **Journals – NA-**
Published by the College
Number of college teachers serving as Editor(s)/ Member(s) of Editorial Board
7. **Research Projects -NA-**
Funding Agency, Year/Period, Title, Amount sanctioned
Single line space between each project
8. **Patents Filed/ Granted -NA-**
9. **Seminars Organised**
- i. The Gandhi Study Circle, under the Convenorship of Dr. Sanjeev Kumar, organised a “Distinguished Gandhi International Webinar Lecture Series”. Prof. Akeel Bilgrami delivered the first lecture on 2nd October 2020. Prof. Faisal Devji delivered a lecture on 5th November 2020. This lecture was jointly organised with the IQAC. Prof. Bhikhu Parekh delivered a lecture on 15th January 2021, jointly organised with the Gandhi Research Foundation.
 - ii. Persian Society, Zakir Husain Delhi College organized an academic lecture online on “Contribution of Sufis in Indo-Persian Literature” by Dr.Mehmood Fayyaz Hashmi, former Head, Department of Persian, ZHDC (E) on 30th March, 2021.
 - iii. The Nature and Environment Society organised a National Conference on Water Sustainability: Conservation, Policy, Ethics and Science in collaboration with the Department of Environmental Studies, Zakir Husain Delhi College in January 2020.
 - iv. The Bengali Literary Society organized a 3-Day International Webinar on ‘Prabasi Jiban O Sanskriti’ (Bengali Diaspora life and culture) from 1st – 3rd February 2021 with a collaboration of International Society of Bengal Studies.

10. Conferences Organised

- A national conference on Application of Mathematical Tools in Social Sciences and Sciences was organised online on the 17th and 18th October 2020.

11. Seminar/Conference Presentations

- i. **Anuradha Marwah** of the Department of English delivered a Zoom talk on “Re-Crafting a Classic: Euripides’ Medea in Delhi and Rajasthan” at the Department of English and Modern European Languages, University of Lucknow from 12-1.30 PM on 4 June 2020.
- ii. **Amir Jamal** of the Arabic Department presented a paper “Indian Feminism – A Comparative Study with Reference to Amrita Pritam & Nawal Al-Sa’dawi” in the National Seminar on “Understanding Women Empowerment through India Culture, Texts & Practices” held on 6th March 2021 organized by Gautam Buddha University, Greater Noida & Km. Mayawati Govt. Girls P.G. College, Badalpur, G.B. Nagar, (U.P.), India.
- iii. **Lokesh Rana** of the Physics Department co-presented a paper titled “Optimization of Mask-less Laser lithography” at the International Conference on Advanced Functional Materials and Devices (AFMD-2021), March 03-05, 2021 held at the University of Delhi, Delhi. He also co-presented another paper titled “Studies on SAW resonators based on ST-Quartz crystal” at the International Conference on Advanced Functional Materials and Devices (AFMD-2021), March 03-05, 2021 held at University of Delhi, Delhi.
- iv. **Malik Salim Javed** of the Persian Department presented a research paper in the International Webinar entitled “Contribution of Mehboob e Ilahi in the Persian Literature” in the Department of Persian, University of Delhi on 12-13 March 2021. He also presented a research paper in the National seminar entitled "Nigahi be Mutaleaat e Masnavi e Maulana dar Hind" in the Department of Persian, University of Delhi on 27-28 March 2021.
- v. **Mohd. Qasim** of the Arabic Department, has presented a research paper titled “Gandhi’s Personality Features in Light of His Autobiography *The Story of My Experiments with Truth*” (Arabic), in a two-day International Webinar on “Biographical Literature” organized by the Centre of Arabic and African Studies, SLL&CS, JNU, New Delhi, on 5-6 December, 2020. He presented a research paper titled “Role of the Graduates of Zakir Husain Delhi College in the field of Arabic and Islamic Studies” (Arabic), in a two-day National Seminar on “The Role of Universities in Delhi in Enriching the Arabic Language”, organized by Islamic Fiqh Academy (India), New Delhi, on 26-27 December, 2020. Mohd. Qasim has presented a research paper titled “India as Depicted in Arab Travelogues” (Arabic), in a two-day National Seminar on “India and the Arab World: Civilization and Prospects” organized by India Arab Cultural Centre, JMI, New Delhi, on 16-17 March, 2021. He has presented a research paper titled “Corona Crisis and E-learning between Reality and Prospects” (Arabic), in a two-day National Seminar on “Covid-19 and Modern Challenges with Special Reference to Arabic and Urdu” organized by the Department of Arabic, University of Delhi, on 18-19 March, 2021. He has also presented a research paper titled “Arabic Language: Its Reality and Future in India” (Arabic), in a two-day National Seminar on “Teaching of Arabic Language in India: Reality and Prospects” organized by the Department of Arabic, Jamia Millia Islamia, New Delhi, on 22-23 March 2021.

- vi. **Md. Quamruddin** of the Arabic Department presented a paper entitled “Arabic language in India: past, present and future” in the one-day national seminar on “Arabi Zaban-o-Adab Hindustan Ke Tanazur Mein” held on 14 February, 2021, organized in Urdu College Gopalganj, Bihar. He presented a paper entitled “Academic and literary value of the book: “Dirasah Muqaranah Bain al-Shir al-Arabi al-Hadith Wa al-Shir al-Injilizi by Prof. Muhammad Sulaiman Ahshraf”, in the two-day national seminar on “The Role of Universities in Delhi in Enriching the Arabic Language” held on 26-27 December, 2020, organized by Islamic Fiqh Academy (India) New Delhi. He presented a paper entitled “Contribution of the Indian Scholars to the Quranic Sciences With Special Reference to the English Translations of the Meanings of the Holy Quran”, in the two-day national seminar on “Promotion of Qur’anic Sciences in India” held on 21-22 November, 2020, organized by Islamic Fiqh Academy (India) New Delhi.
- vii. **Shraddha A. Singh** of the Department of English presented a paper titled “Capitalocene and Dystopia in Margaret Atwood’s The Heart Goes Last” at the International IACLALS Annual Conference 2021 held online from the 18th to the 20th of March 2021. She presented a paper titled “Anthropocene Fiction’s Posthuman Turn: Multispecies Worlding in Margaret Atwood’s *MaddAddam Trilogy*” at the international conference on “Globalization and New Terrains of Consciousness: Phenomenologies of the Global/ Local/ Glocal” held online on the 8th, 9th and 10th of February 2021. Shraddha presented a paper titled “Locating Posthuman Articulation in the Chthulucene of Margaret Atwood’s *MaddAddam Trilogy*” at the online international conference on “Living in the End Times: Utopian and Dystopian Representations of Pandemics in Fiction, Film and Culture,” hosted by Cappadocia University, Turkey, 13th to 15th January 2021. She presented a paper titled “‘Extinctathon’ and the Chthulucene: Making Kin in the Posthuman World of Margaret Atwood’s *MaddAddam Trilogy*” at the international conference on “Posthumanism 20/20” held at Aarhus University and online on 7th and 8th October 2020. Shraddha also presented a paper titled “Untangling the Anthropocene as Donna Haraway’s ‘Chthulucene’ in Margaret Atwood’s *MaddAddam Trilogy*” at the international web-conference on “Rethinking Humanities and Its Entanglements” hosted by Amity University, Kolkata on 5th, 6th and 7th August 2020.
- viii. **Dr. Sunil Kumar** of the Zoology Department co-presented a poster on “Hypothalamic Neuropeptide Y in Wall Lizard” in the “International Colloquium” RMBPD-2021 held at Department of Zoology, University of Delhi from March 24-26, 2021.

12. National/International MoUs Signed – NA-
With Indian/Foreign Universities
With Indian/Foreign Companies/Industry

13. Other Inter-Institutional Collaboration -NA-

14. Students under Exchange Programme -NA-
Inbound/Outbound

15. Placement Details
Number and percentage of students placed: 198; 39.6%
Number of Companies visited for campus recruitment: 30

16. Extension and Outreach Activities -NA-

17. Library Development

Competitions (Conventional/Parliamentary) organized by Motilal Nehru College, GGSIP University, Bharti College, Aryabhata College, and Hansraj College. They stood as finalists/second position at various other debate competitions e.g., Shivaji College, Ramjas College, SBSCE, MLNC (Conventional), Satyawati College, and Kirorimal College. Students from English Debating Society won First Prize at International Debate (organized by Disaster Management Task Force, Govt of India-Slovak Embassy and DCRUST University), Lady Harding Conventional Debate Competition, Hansraj College, JMC, Sri Aurobindo College, Maharaja Agrasen College, and Maitreyi College.

The English Literary Society in collaboration with the Students Mentorship Committee, organised a talk by Dr. Zebalda Restia Dkhar, Counselling Psychologist on the topic Be kind to your mind on the 4th of July 2020 where she discussed the psychological impact of the Covid pandemic, coping mechanisms, thinking patterns and how to challenge irrational beliefs. A short relaxation exercise was then carried out followed by a Q&A session. On the 15th of January 2021, the English Literary Society organised a talk with Dr. Priya Mirza, Assistant Professor, Department of Political Science, Zakir Husain Delhi College on the topic Athenian Democracy. The English Literary Society held a talk with Dr. Sweetha Saji, Assistant Professor, Department of English, Mount Carmel College Bangalore, on the topic Introducing Medical Humanities: Narrating Stories, Narrating Lives on the 12th of April 2021.

Zoological Society 'Inheritance', Department of Zoology, Zakir Husain Delhi College organized Inaugural Lecture of society on the topic "Emerging viruses and future strategies for vaccine" on April 08, 2021. Dr. Manu Anandpadma, Principal Scientist, Analytical Development, WuXi Advanced Therapies, Philadelphia, USA was the chief guest and the speaker of the talk.

Dr. Anuradha Marwah of the Department of English delivered a Zoom talk on 'Re-Crafting a Classic: Euripides' Medea in Delhi and Rajasthan' at the Department of English and Modern European Languages, University of Lucknow from 12-1.30 PM on 4 June 2020.

Dr. Sarita Passey of the Department of Chemistry was the Member of Organizing Committee for One Week National Faculty Development Program on "Towards Quality Higher Education through NEP-2020" between 27th October 2020 – 2nd November 2020 organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD. She was a Panelist for National Workshop on "Flipped Learning Approach: A Novel ICT-Empowered Pedagogy for 21st Century Learning Needs" organised By Guru Angad Dev Teaching Learning Centre of MHRD held on 26th November 2020. She was a Member of Organizing Committee and Panelist for Faculty Induction Program organised By Guru Angad Dev Teaching Learning Centre, Khalsa College under the PMMMNTT of MHRD held from 3rd-30th December 2020. She was the Organizing Secretary for One Week Faculty Development Program on Digital Tools for 21st Century: Word Processing & Spreadsheets by Guru Angad Dev Teaching Learning Centre of Ministry of Education from 27th January – 2nd February 2021. She was the Organizing Secretary for one week Faculty Development Program: Enhancing Quality of Chemistry Education in India organised By Guru Angad Dev Teaching Learning Centre, Khalsa College under the PMMMNTT of MHRD held from 25th February – 3rd March 2021. Dr. Passey was a Resource Person in One Week Online National Faculty Development Program on "Development of Teacher's e-kit and MOOCs in Four Quadrant Format of e-Content" organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD on 12-September-2020 to 20-September-2020. She was also a Resource Person in One Day Online National Workshop on "Development of Teacher's e-Kit: Chemistry" organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD on 21st April 2020.

Webinars Organised



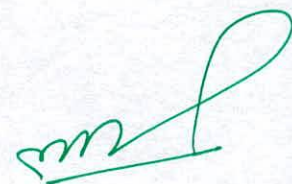
- i. A webinar on 'Yogic practices and principles for healthy living' was organised on the 25th of November 2020. Prominent yoga therapist Mr. Lalit Madan was invited to deliver the lecture.
- ii. A webinar on 'Career in physical education and sports' was organised on the 13th of March 2021. The lecture was delivered by Dr. Ajit Kumar Nair, Assistant Professor, Amity University.
- iii. A webinar on 'Career abroad' was conducted for the students who were keen and looking for options of higher studies overseas. Ms. Rekha Kharbanda, Founder, P3 Education consultancy was invited to throw some light on career options in other countries.
- iv. A webinar on 'First Aid' was organised on the 27th of March 2021. Dr. Saumya Vig, Senior Physiotherapist, Department of Physiotherapy and Rehabilitation Medicine, Max Hospital, Saket was invited, and she explained significant points one must know to handle medical emergencies.
- v. Nazariya, the Philosophy magazine, conducted a webinar on "Creative Writing through a Philosophical Lens" on 5th September 2020. The speakers were Dr. Divya Tiwari and Ms. Ariba Zaidi of the Department of Philosophy, Zakir Husain Delhi College.

Some co-published works

1. Abbas N S, Sudiksha Gupta, Divya Suri, Sujata Bhardwaj and **Babeeta C Kaula** (2021), "Incredible Role of Spices in Diet – An Indian Perspective". Res. Jr. of Agril. Sci. 12(2): 483–488.
Dinakaran J, N.S. Abbas, Shvetambri Arora, Sujata Bhardwaj and **Babeeta C Kaula** (2021). "Assessment of Heavy Metals in Ground Water of Different Locations of National Capital Region, Delhi, India". *Current World Environment* Vol. 16, No. (1), Pg. 143-150.
2. Bharati, Manisha, **Lokesh Rana**, Reema Gupta, Monika Tomar, Vinay Gupta. (2021). "Theoretical simulations of SAW based sensor on PVDF". *Materials Today Proceedings*. 2021 Apr 27.
Bharati, Manisha, **Lokesh Rana**, Reema Gupta, Monika Tomar, Vinay Gupta. (2021). "Optimization of Mask-less Laser lithography". *Advanced Functional Materials and Devices: Select Proceedings of AFMD 2021*.
3. Kaur, Gursharan, Inderpreet Kaur Nanda and **Sayema Ahmed**. (2021). *Aerobics Training India*. New Delhi: Friends Publication India.
4. Raza, Akmal, Arshad Khan, **Pankaj Sharma** and Khalil Ahmad, Solution of Singularly Perturbed Differential Difference Equations and Convection Delayed Dominated Diffusion Equations Using Haar Wavelet, *Mathematical Sciences* (2020), Springer, DOI 10.1007/s40096-020-00355-4.

21. Name and Contact details of Coordinator for Annual Report 2020-2021 of College.

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**Principal's Signature
Seal of College**

**PRINCIPAL
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