

HINDU COLLEGE
UNIVERSITY OF DELHI
DELHI
THE 98th ANNUAL REPORT

1. Name of the College:

Hindu College, University of Delhi

2. Major activities and achievements:

Hindu College is ranked the Number 1 college in the country in Arts and Science streams and second in Commerce in the **India Today Best Colleges Ranking 2021**.

Despite the constraint of working in the online mode, the faculty and students of the college devised bold and innovative ways to participate in many enriching activities. Each department actively organized webinars and interactive talks online. The Department of Physics ran a successful Add-On Course, titled “Programming in Python”, in collaboration with IIT Bombay. In December 2020, the Department of Chemistry co-organized a two-day international conference on “Environment, Water, Agriculture, Sustainability and Health (EWASH -2020): Expanding Our Vision Post Covid-19”, in collaboration with Save the Environment, CSIR-NEERI, Delhi, Royal Society of Chemistry, North India, and the Environment and Social Development Association, Delhi.

The various societies of the college also adapted excellently to the virtual world. Among the many activities organized by these societies was *Compass 2020* – a webinar series by Caucus – The Discussion Forum of Hindu College, in May-June 2020. The series involved conversations with eminent personalities from diverse fields - including Dr Vinay Sahasrabudde, Ms Shailaja Chandra, Professor Dinesh Singh, Mr Harish Salve QC, Dr Arvind Panagariya, Amb. Lakshmi Puri and Mr Shekhar Gupta – all of whom graciously shared their intellectual expertise.

Various faculty members made significant academic contributions: 2 Ph.D. degrees awarded, 115 Publications, 77 Conference papers, 19 invited talks.

3. Honours/Distinctions:

- Two faculty members were awarded Ph.D. Degrees this year.
 1. Dr. Narendra Kumar, Department of Statistics from Delhi University
 2. Dr. Vivek Chopra, Department of Botany, from Department of bio-technology from Delhi Technological University.
- Dr. Jagdish Chander, Associate Professor in Political Science, was awarded a grant of rupees Four lakh by Indian Council of Historical research for a project.



- Dr. Devanshi Magoo, Assistant Professor in Chemistry, was awarded the Young Researcher Award (Faculty Category) by Save The Environment - An NGO for Environment Protection and Water Management.
- Dr. Pallavi Saxena, Assistant Professor in Environmental Sciences, was selected as Chair of South-Asian and Middle-East Region for Early Career Scientists Network of iLEAPS Community, UK from 1st Jan 2020– 31st Dec 2021.
- Dr. Archana Verma, Associate Professor in History was made Member of the Heritage Conservation Committee (HCC), Government of India.

4. Students with distinctions (Maximum 5)

The following final year students got First Position in Delhi University Examination held in May/June 2020.

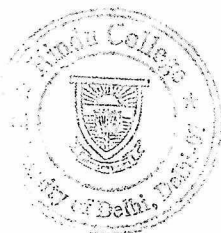
1	Apurva Singh	B.Sc. (Hons.) Botany
2	Chahat	B.Sc. (Hons.) Mathematics
3	Aditi Gupta	M.A. Political Science
4	Aman	M.Sc. Botany
5	Divya Janjua	M.Sc. Zoology
6	Harmeet Kaur	M.Sc. Statistics

The following final year students got Second Position in Delhi University Examination held in May/June 2020.

1	Bhhavya Kapoor	B.A.(Hons.) Political Science
2	Bhumidatta Mishra	B.A.(Hons.) Sanskrit
3	Priyansh Jaswal	B.Sc. (Hons.) Physics
4	Srishti Chopra	B.Sc. (Hons.) Mathematics
5	Vanisha	B.Sc. (Hons.) Statistics
6	Sudiksha Boora	B.Sc. Physical Science
7	Nazrah Altaf	M.A. Political Science
8	Pradip Chaturvedi	M.A. Hindi
9	Pooja	M.Sc. Botany
10	Shivani Batra	M.Sc. Zoology
11	Hiba Ghazal Rahmani	M.Sc. Operational Research

The following final year students got Third Position in Delhi University Examination held in May/June 2020.

1	Nakul Malhotra	B.A. (Hons.) Music
2	Rishav Kaushal	B.Sc. (Hons.) Chemistry
3	Auroni Deep	B.Sc. (Hons.) Zoology
4	Smridhi Chadha	M.A. History
5	Satakshi Malviya	M.A. Political Science
6	Rakshit Verma	M.Sc. Operational Research



5. Publications Total Number (Maximum 10)

Prof. Anju Srivastava, Department of Chemistry, Principal

Srivastava, A., and Sharma, R. K. (Eds.). (2021). *Green Chemistry for Beginners*. Singapore: Stanford Pub. ISBN 978-981-4316-96-5

Sharma, R.K., Yadav, P., Yadav, M., Gupta, R., Rana, P., Srivastava, A., Zboril R, Varma, R.S.Antoniette, M., Gawande, M.B., (2020). Recent Development of Covalent Organic Frameworks (COFs): synthesis and catalytic (organic-electric-photo) applications, *Materials Horizons*, 7(2), 411-454.

Ms. Archana Aggarwal, Assistant Professor in Economics

Aggarwal, A. (2020). Manufacturing Profits: Modes of Surplus Extraction at Lower End of Global Value Chain. *Probings & Reprobings: Essays in Marxian Reawakening* (Eds Sankar Ray & Saibal Gupta). Delhi: Aakar Books.

Dr. Pragati Ashdhir, Associate Professor in Physics

Ashdhir, P., Singh, A., and Tutlani, C. (2020). Understanding Electrostatic Potential and Field Distributions by Simulation. *IAPT Physics Education, Volume 36. No.2*, ISSN Number: 0970-5953.

Dr. Rekha Basu, Associate Professor in Philosophy

Basu, R. (2020). *Continental Philosophy: Selections from the European Continent*. Delhi: Worldview Publications. ISBN-10: 9382267611, ISBN-13: 978-9382267614

Mr. Azad Choudhary, Assistant Professor in History

Choudhary, R.B.A.. (2021). The Tradition of Equine Veterinary Literature in Pre-colonial and Colonial India: The Writing of faras-nama. *Studies in People's History*. Vol. 8, no. 2.

Dr. Gitika De, Assistant Professor in Sociology

De, Gitika. 2020. Contested law-making: Mobilization for the Right to Information law in India, 1990-2005. in Ida Nijenhuis et.al. (eds.), *Information and Power in History: Towards a Global Approach*. London & New York: Routledge.

Dr. Soma M. Ghorai, Assistant Professor in Zoology

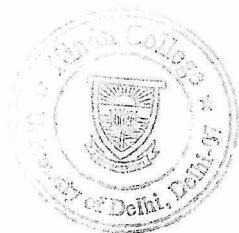
Ghorai, S., Kaur, H., Yadav, A., Wadhwa, K., and Jain, K. (2020). Azoles used in agriculture as possible cause of Azole-resistance in clinical Candida isolates. *Biosciences Biotechnology Research Asia*, 17 (4).

Dr. Atul Gupta, Assistant Professor in Commerce

Gupta, A. (2020). Statue of Unity or Opportunity? An Argumentative Review. *International Journal for Research in Engineering Application & Management (IJREAM)*, ISSN : 2454-9150 Vol-05, Issue-01.

Mr Siddharth Kanoujia, Assistant Professor in English

Kanoujia, S. (2020). Development of Dalit Consciousness in UP: 1900-1950s. *Shodh Sarita*, Volume 7, Issue 27.



Dr. Pallavi Saxena, Assistant Professor in Environmental Sciences

Saxena, P., Goel, A., Saxena, P., Sonwani, S., Rathi, S., Srivastava, A., and Bharti, A.K. (2021). Quantification of health benefits due to Respirable Particulates in COVID-19 lockdown over Delhi-NCR and non-attainment cities of Uttar Pradesh, India. *Aerosol and Air Quality Research*. (<https://doi.org/10.4209/aaqr.200460>).

6. Journals

- Published by college
- The Symposium Society successfully launched and has been running a non-partisan bi-monthly online magazine called *Hindu College Gazette*, since August 2020.
- The English Department runs its bi-monthly journal called *Prologue*, which was chosen for special recognition by *The Bombay Review*.

- Number of college teachers serving as editors(s)/ member(s) of editorial board

Dr. Poonam Sethi, Associate Professor in Commerce

Member Editor, *Corporate Governance Insight*, a bi-annual blind reviewed journal.

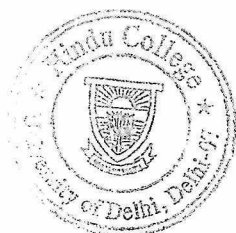
7. Research Projects (Maximum 5)

FUNDING AGENCY	YEAR	TITLE	AMOUNT SANCTIONED
SERC	2020-21	Designing and development of high efficiency inverted organic solar cells	700000
UNIVERSITY GRANTS COMMISSION	2021-21	TRAVEL GRANT	165900
UNIVERSITY GRANTS COMMISSION	2021-22	TRAVEL GRANT	129658
ICHR	2020-21	ON HISTORY AND POLITICS - ADVAITA - VEDANTA and the Idea of self in colonial India	47500

- Dr. Jagdish Chander, Associate Professor in Political Science, (2020) by the Indian Council of Historical Research, awarded a grant of Rupees Four lakh.

8. Patents Filed/Granted

- Number and title of National patents - N/A
- Number and title of International patents- N/A
- Number and title of collaborative patents – N/A



9. Seminars Organized: (Maximum 5)

- **The Annual Dr. Lalita Subbu Memorial Lecture, organized by Department of English**
Speaker: Dr. Tarun Saint, Independent Researcher. Title: 'The Significance of Twenty-First Century South Asian Science Fiction.' Date: April 5, 2021.
- **Seminar-Talk, organized by Department of Political Science**
Speaker: Prof Ian Hall, Griffith University, Title: 'India's Foreign Policy'. Date: 11th February 2021.
- **Seminar organized by Department of Sociology**
Speaker: (Late) Prof. Vinay Kumar Srivastava, Professor of Anthropology. Title: 'Why Study Sociology?'. Date: 23rd November 2020.
- **Invited Lecture organized by Department of Zoology**
Speaker: Prof. Vipin Singh, University Institute of Biotechnology, Chandigarh University. Title: "Next Generation Sequencing Techniques and Applications". Date: 18th June, 2020.

10. Conferences Organized: (Maximum 5)

- **National Conference co-organized by Department of Chemistry**

Conference Title: Environment, Water, Agriculture, Sustainability and Health (EWASH-2020): Expanding our vision post Covid-19. Date: 19th to 20th Dec, 2020; Organized by: Save the environment (A Society for Research, Awareness and Social development) Kolkata West Bengal, Co-organized by CSIR-NEERI, Delhi zonal centre; Royal Society of Chemistry, North India; Environment and Social development association(ESDA), Delhi; Department of Chemistry, Hindu College

11. Seminar/Conference Presentations (Maximum 10)

❖ **Presentations | International Conferences/Seminars**

Mr. Akshaya Chaudhary, Assistant Professor in English

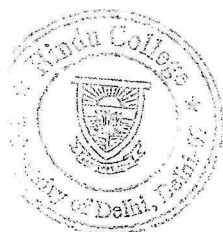
Presented a paper "The Dynamics of Culture and Neo-liberal Globalisation in Postcolonialism" at a three day international conference "Re-thinking the Postcolonial: Texts and Contexts", organized by New Literaria Journal in collaboration with Department of English, Assam University from September 25th to 27th, 2020.

Dr. Pallavi Saxena, Assistant Professor in Environmental Science

Presented a paper on "Variation in Criteria Air Pollutants during Major Firework Festival and Significance of Transboundary Air Mass Movement on Air Quality in Megacity of Northern India", AGU Fall Virtual Meeting, 2020, San Francisco, USA.

Dr. Poonam Sethi, Associate Professor in Commerce

Co-authored and presented paper titled, "Does Shareholding Pattern of companies in India reflect the Corporate Governance Phenomena at Contemporary Times?" at International Conference of Global Research Foundation of Corporate Governance, September 2020.



Dr. Adarsh Singh, Assistant Professor in Physics

Paper presentation in International Conference, "Low Cost Hybrid Vortex Collector for Cleansing Hydro Ecosystems", Nithin V.P., Sandra M.P., Adarsh Singh, 32nd World Conference on Applied Sciences, Engineering and Technology, 30-31st Dec. 2020, Goa, India.

Dr. Vivek Chopra, Assistant Professor in Botany

Participated and presented Poster entitled "Analyzing Mallomonas sp. From river Yamuna in Delhi Region using Scanning Electron Microscopy" in International conference World Environment Summit 2020, 18-19 January, 2020 held at Delhi.

❖ Presentations | National Conferences/Seminars

Dr. Reema Gupta, Assistant Professor in Physics

Presented a paper titled "Recent Advances in Functional Materials" (RAFM-2020) at an online conference organized by ARSD College from 5-6th November 2020.

Dr. Vijay Garg, Assistant Professor in Sanskrit

Participated in webinar on "Stress management in the Bhagvad-Gita during Covid-19" Organized by the Department of Sanskrit, Vivekanand College.

Dr. Neha Kapoor, Assistant Professor in Chemistry

Resource Person in the RDAB-2020, National Seminar cum Workshop Recent Developments in Applied Biotechnology, 06-08th March, 2020 at IIT Allahabad

Dr. Divya Yadav, Assistant Professor in Commerce

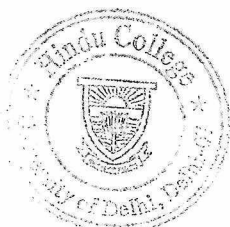
Participated as delegate at the UGC & ICSSR sponsored national conference on "Income inequality, protectionism & international trade in digital age – with reference to India ", organised by Department of Commerce & Economics, Daulat Ram College, University of Delhi on 21 January, 2020.

12. National/International MoUs Signed

- With Indian/Foreign Universities N/A
- With Indian/Foreign Companies/Industry N/A

13. Other Inter Institutional Collaboration

- The College has an MoU with the National University of Singapore, Singapore from 2011 onwards for a student and faculty exchange Programme. Under this MoU, students from NUS have been spending one semester each academic year. In its first year, the College is hosting students from University of Heidelberg, Germany and UBC, Canada through the affiliating university's MoU with the respective universities.
- The College offers foreign language courses through MoUs and joint collaboration with well known institutions such as Goethe Institute, Max Mueller Bhawan for German; Instituto Cervantes for Spanish, Alliance Francaise de Delhi for French and Department of Slavonic and Finno-Ugrian Studies for Russian.



14. Students under Exchange Programme

Due to pandemic travel restrictions student arrivals under exchange programme have not taken place.

15. Placement details

- Number and percentage of student's details: About 60% of students placed are from arts and science courses while 40% are from the commerce department.
- Number of companies visited for campus: Aprox. 52

16. Extension and Outreach Activities:

Extension activities in the College are organised through the NSS, NCC and some other societies, prominent being the environment society (Panchtatva), The Equal opportunity Cell (Ankur), Women's Development Cell (WDC), Enactus, etc.

(a) **Number of camps organized in the surrounding areas.**

NSS: NSS organized various virtual camps as well as Blood donation camp, Cleanliness drive, Cloth donation drive, Collection Drive, Scholarship drive, Awareness Drive, Swachh Campus Rally,

NCC: Combined Annual Training Camp; representation in Republic Day Camp, Nau-Sainik Camp; organized camp for International Yoga Day; celebrated Surgical Strike Day, National Voter's Day.

(b) **Number of people enrolled/covered in the camps:**

NSS: 100 people enrolled

NCC: 48

Number of students who worked in the camps

NSS: 70 students worked in the various camps

NCC: 28 cadets participated in Combined Annual Training Camp (CATC'19).

Following number of cadets represented the college in various camps/deployments:

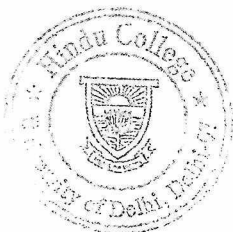
03 in Republic Day Camp

06 in All India Nau-Sainik Camp (AINSC)

01 cadet selected for overseas deployment with one training squadron of the Indian Navy to Madagascar, Kenya and Tanzania.

Cadets were awarded various positions for performances in AINSC'19, CATC'19 and AIATC'20

09 cadets cleared 'C' certificate and 17 cadets cleared 'B' certificate exam successfully.



17. Library Development:

- a) Total Budget = 11,73,250/- (Book Fund) +11,50,750 (Library Development)
- b) No. of books added in 2020-2021 = 312 Books
- c) Internet Facility = Wi-Fi facility available in the Library

18. Faculty Strength: 163

19. Financial Allocation and Utilization

- A. Grant sanctioned in Rs.4446.00 Lakh
- B. Utilized in Rs. 5196.43 Lakh

20. Other Significant Information

21. Name and contact details of Coordinator for Annual Report 2020-21

Dr. Shalini Suryanarayan

Associate Professor, Department of Sociology

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