

3HINDU COLLEGE
UNIVERSITY OF DELHI
DELHI
THE 99th ANNUAL REPORT

- **NAME OF THE COLLEGE:**

Hindu College

- **BRIEF HISTORY OF THE COLLEGE:**

Hindu College was founded in 1899 by late Shri Krishan Dassji Gurwale along with a Board of Trustees who represented the prominent citizens of Delhi. The pre-eminent aim behind the founding of Hindu College was to provide modern and nationalist education to the youth of the Country. The aim of the founding fathers of Hindu College was to make it a centre of new ideas, whilst being non-elitist and non-sectarian. The College welcomed youth from all sections of society without any differentiation on grounds of religion, caste, creed and gender. Both arts and sciences were introduced as subjects from the beginning.

From its very beginning to now, the College has lived up to the vision of its founders by maintaining its excellence and inclusivity. Constantly adapting to the fast-paced transformations in the outside world, Hindu College has managed to achieve new heights of success year after year.

- **MAJOR ACTIVITIES AND ACHIEVEMENTS**

Hindu College was ranked the Number 1 college in the country in Arts and Science streams in the *India Today Best Colleges Ranking 2022*. The College got the Second place in the *NIRF College Ranking 2022*.

Despite teaching and learning being restricted to the online space for most of the academic year, various departments and societies of the College continued to organize various curricular and extracurricular events, and continued to do so once in-person College resumed in February 2022. Throughout the year, the College actively participated in the Azadi ka Amrit Mahotsav, and organized various activities including an essay writing competition, a slogan-writing competition, and a pledge ceremony among many others. Various departments held seminars and conferences, including the Department of Chemistry which organized the event “Chemistry Festival for Students and Teachers - Green Chemistry - Education, Research and Practice” on 1st October 2021 in collaboration with Royal Society of Chemistry, London, North India Section, and Green Chemistry Network Centre, University of Delhi. The NCC Hindu, in collaboration with Hindu College Counselling Cell, and the NSS, under the Initiative of Ministry of Education for Psychological Support and Mental Well-being, organized a National

Conference on “Career and Well-Being.” Various departments and societies of the College also organized weekly or fortnightly seminars.

On October 8, 2021, the new Science Block and the UTSAV Amphitheatre were inaugurated by Hindu College alumnus, the Minister of Petroleum and Natural Gas, and the Minister of Housing and Urban Affairs, Shri Hardeep Singh Puri.

Various faculty members made significant academic contributions: 7 Ph.D. degrees awarded, more than 120 Publications, 79 Conference papers, 21 invited talks.

• HONOURS/DISTINCTIONS

Hindu College was ranked the Number 1 college in the country in Arts and Science streams in the *India Today Best Colleges Ranking 2022*. The College got the Second place in the *NIRF College Ranking 2022*.

The following faculty members were awarded with the Ph.D. degree this year:

- Dr. Sangeeta Arora, Department of Commerce, from Delhi University.
- Dr. Annu Aggarwal, Department of Commerce, from Delhi University.
- Dr. Seema Das, Department of Political Science, from Delhi University.
- Dr. Neha Midha, Department of Statistics, from Delhi University
- Dr. Ritika Joshi, School of International Studies, Jawahar Lal Nehru University.
- Dr. Mohit Kumar, Department of Zoology, from Delhi University.
- Dr. Sunil Joshi. Department of Sanskrit, from Delhi University.

• STUDENTS WITH DISTINCTIONS

The following final year students got First Position in Delhi University Examination held in June/July, 2021.

1. Ankush Kumar	B.A (Hons.) Percussion Music
2. Sourabh Verma	B.A (Hons.) History
3. Ramanpreet Kaur	B.Sc. (Hons.) Mathematics
4. Goda Venkata Adithya Tarun	B.Sc. (Hons.) Statistics
5. Shreya Solanki	M.Sc. Zoology
6. Anjana M Nair	M.A History
7. Monika Kumari Mishra	M.A Hindi
8. Prabhleen Kaur	M.Sc. Zoology
9. Divya Bansal	M.Sc. Statistics
10. Jatin Sethi	M.Sc. Statistics
11. Atrijit Das	Master of Operational Research
12. Vasu Malhotra	M.Sc. Chemistry
13. Tejas Agnihotri	M.Sc. Mathematics

The following final year students got Second Position in Delhi University Examination held in June/July, 2021.

1. Savi	B.Sc. (H) Chemistry
2. Saurav Kumar Jha	B.A. (Hons.) Percussion Music
3. Kashika Agarwal	B.Sc. (Hons.) Mathematics
4. Sonal	B.Sc. Physical Science
5. Guruvinder Kaur	B.Sc. (Hons.) Zoology
6. Nikita Bhatler	M.Sc. Statistics
7. Rupal Jain	M.Sc. Chemistry
8. Kanksha	M.Sc. Mathematics

The following final year students got Third Position in Delhi University Examination held in June/July, 2021.

1. Kishan Kumar Rai	B.A. (Hons.) Percussion Music
2. Chetan Pandey	B.Sc. (Hons.) Botany
3. Muskan Gupta	B.Sc. (Hons.) Botany
4. Shashwat Anand	B.A. (Hons.) Economics
5. Debraj Pal	B.Sc. (Hons.) Statistics
6. Ishita Saini	B.Sc. (Hons.) Statistics
7. Arnav Nag	B.Sc. Physical Science
8. Sumana Mandal	M.A. History
9. Niharika Tripathi	M.A. History
10. Gyan Prakash Mishra	M.A. Hindi
11. Shantnu Kumar	M.Sc. Zoology
12. Shruti Bansal	M.Sc. Statistics
13. Esha Jain	M.Sc. Mathematics
14. Pragya Nalwa	M.Sc. Botany

• PUBLICATIONS

Prof. Anju Srivastava, Department of Chemistry, Principal

Jointly Co-edited book titled "Green Chemistry for Beginners", S Stanford Pub, Singapore, 2021, ISBN 978-981-4316-96-5.

Jointly Authored Paper titled "Water decontamination Using Bio-Based, Chemically Functionalized Doped and Ionic Liquid-Enhanced Adsorbents", Environmental Chemistry Letters, 2021.

Dr. Devasia M. Antony, Associate Professor, Department of Philosophy

Published Research paper in International Journal of Creative Research Thoughts titled: 'Exploring the Ontology of the Perceptual Object: A Preliminary Conversation between Dharmakirti and Russell', Vol. 9, Issue 5, May 2021, pp.158-161. (ISSN: 2320-2882).

Dr. Pragati Ashdhir, Associate Professor in Physics Department

Jointly Authored Paper titled “Exploring the Fundamentals of fast Fourier transform technique and its elementary application in Physics”; European Journal of Physics; 42(2021) 065805(28pp).

Dr. Gitika De, Associate Professor in Sociology

Published Paper titled “A Tribute to F. G. Bailey”, Contributions to Indian Sociology, 55, 1, 2021: 126-128.

Dr. Nidhi Dhamija, Associate Professor, Economics Department

Published paper titled, “Trade Liberalization and Unemployment in India: A State Level Analysis”, MPRA Paper 95001, University Library of Munich, Germany.

Dr. Debasree Goswami, Associate Professor in Statistics

Published Paper titled “Axioms of Probability - Discrete Models Covering Conditional Probability”; IOSR Journal of Mathematics (IOSR-JM); 2021; 17(2) Ser. III; pp59-60; e-ISSN: 2278-5728, p-ISSN: 2319-765X

Prof Reena Jain, Department of Chemistry, Vice Principal

Published Paper titled “Decyltriphenylphosphonium Bromide Containing Hydrophobic Alkyl-Chain as a Potential Corrosion Inhibitor for Mild Steel in Sulfuric Acid: Theoretical and Experimental Studies”, Journal of Molecular Liquids, Volume 336, pages 116-166, 2021, ISSN No.0167-7322.

प्रो. रामेश्वर राय

“प्रेमचंद निरंतर हमारे साथ रहेंगे, प्रेमचंद और हमारा समय”, प्रेमचंद शोध एवं अध्ययन केंद्र वाराणसी, प्रथम संस्करण 2021, ISBN 81853054810.

Dr. Pallavi Saxena, Assistant Professor in Environmental Sciences

Jointly Authored Paper titled “Investigation of Forest Fire Activity Changes over the Central India Domain using Satellite Observations during 2001-2020”, GeoHealth, e2021GH000528.

• JOURNALS

- Published by the College:
 - The Symposium Society has been successfully 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. Devasia M. Antony, Associate Professor, Department of Philosophy

Nominated as editorial board member for CETANĀ: The Journal of Philosophy (ISSN: 2583-0465), the bi-annual Journal published by the Centre for Phenomenological Studies (CPS), 2021.

▪ RESEARCH PROJECTS

FUNDING AGENCY	YEAR	TITLE	AMOUNT SANCTIONED
SERB	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

• 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

• SEMINARS ORGANIZED

Webinar organized as part of Azadi ka Amrit Mahotsav

Speaker: Professor Ramesh Chandra Bhardwaj, Head of the Department of Sanskrit, University of Delhi and the Director of the Gandhi Bhavan, University of Delhi, Title: “Gandhi: Independence and Beyond”, Date: 16th July 2021.

National Webinar organized by Department of Chemistry

Speakers: Dr. Nupur Bahadur, Fellow and Area Convener TADOX Technology Centre for Water reuse, TERI and Dr. Susan Titus, Scientist 'G' Head Marine Biotechnology, DRDO Ambernath, Title: "Women Empowerment through Science and Technology", Date: 25th September 2021.

Seminar Organized by Department of Philosophy

Speaker: Prof. P. Kesava Kumar, HoD, Philosophy. Title: 'Critical Reading of Modern Western Philosophy', Date: 12th August, 2021

Seminar organized by Department of Sanskrit

Speaker: Professor Ramesh Chandra Bharadwaj, Head, Department of Sanskrit, University of Delhi, Title: "संस्कृत-सप्ताह-समारोहः", Date : August 19, 2021

Seminar organized by Department of Sociology

Speaker: Prof. Rukmini Sen, Professor in Sociology and currently Director, Outreach and Extension Division and Centre for publishing, AUD, Title: "Sociology of Law", Date: 8th November, 2021

• **CONFERENCES ORGANIZED**

National Conference Co-organized by NSS

Title: "Career & Well Being: Towards Healthy Career Choices", Date: 9 April, 2021, Organized by: NSS Hindu, with the Hindu College Counselling Centre in collaboration with Ministry of Education's Manodarpan Initiative.

Conference organized by Department of Chemistry

Title: "Chemistry Festival for Students and Teachers - Green Chemistry - Education, Research and Practice", Date: 1st October 2021, Organized by: Department of Chemistry, Hindu College, in collaboration with Royal Society of Chemistry, London North India Section and Green Chemistry Network Centre, University of Delhi.

- **SEMINAR/CONFERENCE PRESENTATIONS**

Mr. Ajai Kumar, Associate Professor in Chemistry

Delivered a talk on "Charge Transfer Transitions in the Transition Metal Complexes in the International Online Conference on Advances in Chemical Sciences (A.C.S. 2021), organized by H.V.M. (PG) College, Raisi, Haridwar, Uttarakhand, 21st – 22nd November, 2021

Dr. Annu Aggarwal, Assistant Professor in Commerce

Presented a paper titled "Foreign Exchange Risk and Stock Return: A Three-Layered Approach to Abnormal Gain" in 3rd Rajagiri Management Conference on Economics and Finance (International) organised by Rajagiri Business School and Rajagiri College of Social Sciences (Autonomous) on 19-20th November 2021.

Ms. Kritika Sharma, Assistant Professor in English

Delivered a lecture titled "'What does it matter who is speaking?': Feminism and Literary Theory", as a resource-person for the three-day Webinar Series on 'Gender and Culture' organized by Govt. Serchhip College, Mizoram, held on 9th to 11th August, 2021.

Dr. Pallavi Saxena, Assistant Professor in Environmental Sciences

Jointly Presented Paper titled "Night-time Ozone: Chemistry and Influence of Meteorological Parameters at a Ground Level Site in Delhi", at 16th IGAC Scientific Conference, 12th Sept – 17th Sept, 2021

Dr. Archana Verma, Associate Professor in History

Presented Paper Titled "Gandhi and the Round Table Conference: An Appraisal" at Ranjit Guru Memorial Series of International Webinars Organised by J. N. College, Cuttack, Odisha.

Dr. Devasia M. Antony, Associate Professor, Department of Philosophy

Invited Paper presented titled 'Religion and Dharma: Reflections on the Indic Paradigm', National IASR Conference on 'Religion and Society' held at St. Xavier's College, Mumbai, 25.02.2021.

Dr. Vivek Verma, Associate Professor in Physics Department

Was Invited as Speaker to deliver talk on "Organic and Inorganic Composites for EMI Shielding Applications" in the International Online Conference on Nano Materials (ICN 2021) Kottayam, Kerala, India, organized by Mahatma Gandhi University, P.D Hills P.O, Kottayam, Kerala, India and Wroclaw University of technology, Wroclaw, Poland on 09th -11th April 2021.

Dr. Maneesha Pandey, Associate Professor in Political Science

Presented a Paper in a 2-day online National Conference on Bharat Manthan - 4, Titled "Vaccination against coronavirus: Revival of ancient Indian Tradition of Preventive Medical Measures", Organized by Indraprastha Adhyayan Kendra in Association with CCS University Meerut and Sanskrit department of JNU on May 29, 2021.

Dr. Jagmohan, Associate Professor in Sanskrit

Presented a research paper titled “गोपथ ब्राह्मण में वर्णित सावित्री विद्या” in the online International Conference entitled “गोपथब्राह्मणे विविधज्ञानविज्ञानम्” held on 13-14 January 2021 organized by Swami Samarpanaanand Vaidik Shodh Sansthaan, Meerut, U.P.

Dr. Divya Bajaj, Assistant Professor in Zoology

Poster presentation on “The Covid-19 Havoc and clues from sex disaggregation of data in the Indian population” in the online international conference on “Infections and Immunity” held on 8th -10th October 2021, organised by Daulat Ram College, University of Delhi

• **NATIONAL/INTERNATIONAL MOUS SIGNED**

- With Indian/Foreign Universities

- Memorandum of Understanding between Hindu College and Whitireia Community Polytechnic Limited and Wellington Institute of Technology Limited (WandW) to establish programmes of all projects and exchange and collaboration in areas of mutual interest and benefit.
- Memorandum of Understanding between Hindu College and Lynchburg College (USA) in Academic and Cultural exchange programmes aimed at promoting scholarly activities and international understanding.
- Memorandum of Understanding between Hindu College and King's College London to establish and co-curricular collaboration.

- With Indian/Foreign Companies/Industry

- Memorandum of Understanding between Hindu College and NBCC (India)
- Memorandum of Understanding between Hindu College and Sangneria Foundation for Health & Education
- Memorandum of Understanding between Hindu College and Ultra International Ltd.

- **OTHER INTER INSTITUTIONAL COLLABORATIONS**

- The College has 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.

- **Student under Exchange Programme** (Inbound/outbound)

- **Other Inter-Institutional Collaboration:** Collaboration between Hindu College and Shriram Institute for Industrial Research

- **Number and percentage of students placed:** more than 150 (15% of total graduating students and 100% of those who opted for placement)

- **Number of Companies visited for campus recruitment:** 85

- **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 as well as in-person camps as well as Blood donation camp, Cleanliness drive, Cloth donation drive, Collection Drive, Scholarship drive, Awareness Drive, Swachh Campus Rally, Cleanliness Pledge, etc.

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, "Ek Bharat Shrestha Bharat" camp, etc.

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

NSS: approx. 100 students enrolled

NCC: approx.. 48

Number of students who worked in the camps

NSS: 70 students worked in the various camps

NCC: 33 cadets participated in Combined Annual Training Camp

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

15 cadets cleared 'C' certificate and 14 cadets cleared 'B certificate exam successfully.

- Library Development

Total budget:-

1. Book fund --13,54,750
2. Development fund library --13,32,250

- No. of Books

Added during 2021-2022 ---272 books

Internet facility: Wi-Fi facility available in the library

- Faculty strength (sanctioned)-163
- Financial Allocation and Utilization:
 - (a) Income --(Grants) -- 62.90 CR
 - (b) Expenditure -- 53.87 CR

- Name of Coordinator: Dr Shalini Suryanarayan
- Email of Coordinator: shalinisuryanarayan@hinducollege.ac.in
- Contract no. of Coordinator: 9958755066