

HINDU COLLEGE
UNIVERSITY OF DELHI
DELHI

THE 95th ANNUAL REPORT

1.Name of the College: Hindu College, Delhi

2.Major activities and achievements :

The year saw several notable achievements for the College culminating in the 119th Founder's Day on 15 February 2018, with Shri Hardeep Singh Puri, Hon'ble Minister of State for Housing and Urban Affairs as the Chief Guest.

**HINDU COLLEGE RANKED 4TH IN NIRF ALL INDIA RANKING 2018
IN INDIA TODAY RANKING HINDU COLLEGE GOT 2ND ALL INDIA
RANKING IN SCIENCE, 2ND ALL INDIA RANKING IN COMMERCE, 3RD
ALL INDIA RANKING IN ARTS STREAM.**

The College organized a number of successful events such as the *Vaktavya'18* – The Two day Annual Conclave of Hindu College, *Mushairah* 2018 – the Hindi Edition of the annual literary festival and Samvaad 2018. These events were graced by noted personalities like Yogendra Yadav, Sitaram Vachury, Irom sharmila, Junior Qutbi Brothers, Shri Shambhu Shikhar, Shri Azhar Iqbal, Shri Shashi Tharoor, Dr. Hamid Ansari and Shri Varun Gandhi. Mecca – The Annual Cultural Festival of the College was a great success and saw participation from Colleges in and outside of Delhi.

Selected students from the College attended a programme to discuss the impact of the Hon'ble Prime Minister Shri Narendra Modiji's vision of 'Digital India' and interacted directly with Hon'ble Minister of communication Shri Manoj Sinha Ji.

The College also organized other events like the celebration of the 75th year of the Quit India Movement, Celebration of Constitution Day, National Youth Day, National Voters Day, Yoga Day. The College also celebrated Swachhta Pakhwada in collaboration with Ministry of Human Resource Development with the aim of promoting cleanliness and hygiene.

Hindu College strengthened its claims to be recognized as a truly global institution by collaborating with National University of Singapore to host the first of its kind Conference titled 'The Asian Undergraduate Summit'.

The theme of the summit was "Leadership in a Complex World: Disruptive Changes in Everyday Life". The unique feature of this conference was that students from among 5 Asian Universities, in Philippines, Malaysia, Indonesia, Thailand and Singapore joined the Hindu College students for the Hindu leg of the Conference.

In the second leg, 32 students from our college along with those from other Asian Countries participated in the Conference at NUS, Singapore. The event was sponsored by the National Skill Development Corporation (NSDC).

Nearly 82 faculty members made significant academic contributions: 4 Ph.Ds awarded, 59 International Publications, 14 National Publications, 39 International Conference papers, 19 National Conference papers, 10 chapters/ articles, 09 e-content modules/ e-papers, 18 invited talks, 13 books authored/edited/co-authored/co-edited.

3. Honours/Distinctions:

- Four faculty members were awarded with Ph.D degrees.
- **Ms. Ashma Sharma, Assistant Professor in English** was awarded Visiting Doctoral Student Fellowship by the Oxford Center for Life Writing (OCLW) at Wolfson College, University of Oxford.
- **Dr. Anita Rajpal, Dr. Rajidner Kumar, Dr. Jagmohan, Shri Puran Mal Verma, Department of Sanskrit**, were awarded "संस्कृतसमाराधाकसम्मान" by Delhi Sanskrit Academy for contribution in promoting Sanskrit.
- **Dr. Manavi Yadav, Assistant Professor in Chemistry** won the best poster award in the 21st Annual Green Chemistry and Engineering Conference at Reston Virginia, USA, best Presentation award in International conference on Advancing Green Chemistry: Building a sustainable tomorrow at University of Delhi.
- **Dr. Reema Gupta, Assistant professor in Physics** was awarded the best poster award for her presentation at the International; conference EMRS 2017, Strasbourg

12. National/International MoUs Signed and (13) Other Inter Institutional Collaboration

- The College has signed 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.
- In the World Bank sponsored project of Kabul University - Delhi University Exchange Programme the College's faculty devised curriculum on site and the College hosted their faculty for training.
- 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.
- The College has signed an MoU named Science Setu Programme, with the National Institute of Immunology and Department of Science and Technology in 2014 onwards for students and faculty exchange Programme. Under this MoU, students from Hindu College have been doing summer and winter laboratory training in each academic year. Our students also attended various workshops and satellite programmes associated with it like scientific poster making, essay writing and popular lecture series.
- The College is a Core Group member of the LEADearthSHIP –TERI Tetra-Pak Youth Initiative Programme of TERI. This youth Programme for undergraduate and postgraduate students focusing on business and sustainability aims to be the springboard for future youth leaders who have their world views deeply rooted in sustainability, ethics and innovation.

14. Students under Exchange Programme

Foreign Exchange for casual affiliation (Academic session 2017-18)

Mr. Andrew James Braithwaite Edinburgh University, B. A. (H)
Canada. History

15. Placement details

- **Number and percentage of student's details: Approx. 86% of the students registered with the Placement Cell.**
- **Number of companies visited for campus: More than 20 renowned companies and start-ups.**

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

Bharatiya Vadavidya organised by the Department of Sanskrit, Hindu College, University of Delhi, on October 24, 2017.

Dr. Anita Rajpal, Associate Professor in Sanskrit

Presented a research paper titled “न्यायदर्शनमेंकथाकास्वरूप” in the one day national conference entitled “भारतीयवादविद्या” held on 24 October, 2017 by the department of Sanskrit, Hindu College, Delhi.

Dr. Vijay Garg, Assistant Professor in Sanskrit

Presented a paper in a National seminar on the topic “छन्दः समीक्षा का अवष्टम्भ सिद्धान्त एवं तिलकमञ्जरी में उसका निदर्शन”, organized by Sh. Shankara Shikshayatan & Department of Sanskrit, , Delhi University, on 19 August 2017.

Dr. Jagmohan, Assistant Professor in Sanskrit

Presented a research paper titled “महाभाष्यमेंवादविद्या” in the one day national conference entitled “भारतीयवादविद्या” held on 24 October, 2017 organized by the department of Sanskrit, Hindu College, Delhi.

Presented a research paper titled “लौकिकजीवनमेंउपनिषदोंकीउपयोगिता” in National Vedic Conference held on 3rd August 2017 at Gurukul Prabhat Ashram, Meerut.

Dr. Neetu, Assistant Professor in Zoology

Participated and presented e-poster in National Symposium cum Faculty Development Programme on “Genome Editing: Tools and Applications” organized by Department of Zoology, Miranda House and D S Kothari Centre for Research and Innovation in Science Education from 15- 22nd January, 2018.

4. Students with distinctions (Maximum 5)

The following students got first position in Delhi University (North campus). Examinations held in April/May – 2017.

<u>S.No.</u>	<u>Name of the Student</u>	<u>Course</u>
1.	Chintan Kapoor	B. A. (Hons) Music
2.	Shivani Jindal	B. Sc.(Hons) Botany
3.	Vinay Vashisth	M. A. Philosophy
4.	Ayushi Gupta	M. Sc. Botany

The following students got second position in Delhi University (North campus). Examinations held in April/May – 2017.

<u>S.No.</u>	<u>Name of the Student</u>	<u>Course</u>
1.	Rajnandini Rana	M. A. Philosophy

The following final year students got Third Position in Delhi University examination held in May/June 2017.

S. No.	Name	Course
1	Sonali Aggarwal	B.Sc(Hons,.) Botany
2.	Jagpal Singh Kathayat	M.A. Philosophy

5. Publications Total Number (Detail Maximum 10) : 59 International Publications, 14 National Publications, 39 International Conference papers, 19 National Conference papers, 10 chapters/ articles, 09 e-content modules/ e-papers, 18 invited talks, 13 books authored/co-edited/co-authored/co-edited.

Dr. Devasia M. Antony, Assistant Professor in Philosophy

Antony, D.M. (2017). The Nation as an Antinomy: A Note on the Conceptual Logic of Tagore's Dissenting Voice on Nationalism. In D.Pereira (Ed.), *Becoming a Nation: Processes and Prospects* (pp.225-32). Eluru/New Delhi: Association of Christian Philosophers of India (ACPI) & Christian World Imprints.

Dr. Richa Bajaj, Assistant Professor in English

Bajaj, R. (2017). Lukacs and Muktibodh on Modernism in the Twentieth Century. *Social Scientist*, 534-535.

Mr. Ajai Kumar, Assistant Professor in Chemistry

Kumar, A. (2018). *Basic Inorganic Chemistry*. Aaryush Publication.

Dr. Lalit Kumar, Assistant Professor in Physics

Kumar, L. (2017). Surface Structure-Dependent Low Turn-On Electron Field Emission from Polypyrrole/Tin Oxide Hybrid Cathodes. *ACS Omega*, 2 (11), 7515–7524.

Dr. Sudershan Kumar, Assistant Professor in Chemistry

Kumar, S (2017). Green Arbitrated Synthesis of Fe₃O₄ Magnetic Nanoparticles with Nanorod Structure from Pomegranate Leaves and Congo Red Dye Degradation Studies for Water Treatment. *Journal of Molecular Liquids* (Elsevier).

Dr. Vivek Kumar Verma, Assistant Professor in Physics

Kumar, V. (2017). Effect of mechanical milling on structural, dielectric and magnetic properties of BaTiO₃ Ni_{0.5}Co_{0.5}Fe₂O₄ multiferroic nano-composites. *Ceramics International*, 43, (3), 3246-3251.

Dr. Suroopa Mukherjee, Associate Professor in English

Mukherjee, S. (in Press). Academic Research vs Activism: The Perils of Doing Ethnographic Research on the Bhopal Gas Tragedy. In S. Choudhury (Ed.), *Doing Research: Exploring Methods in Sociology*. Orient Blackswan.

Ms. Ashma Sharma, Assistant Professor in English

Sharma, A. (2018). Tracing the Relational Ethic in the Postcolonial Life Writing of the Indo-Fijian Diaspora. *Life Writing*.

Dr. Neera Sharma, Assistant Professor in Chemistry

Sharma, N. (2018). Investigation of indolechalcones encapsulation in β-cyclodextrin: determination of stoichiometry, binding constants and thermodynamic parameters.

Journal of Inclusion Phenomena and Macrocyclic Chemistry. DOI: 10.1007/s10847-018-0782-4.

Dr. Ravi Nandan Singh, Assistant Professor in Sociology

Singh, R.N. (2017). Sociology of Religion: State of the Art: Interview to Anushka Goel, Urmi Bhattacharyya and Nabanipa Bhattacharjee. In N. Bhattacharjee and U.Bhattacharyya (Eds.), *Invitation to Religion*. Delhi: Sri Venkateswara College, University of Delhi.

6.Journals: -

7.Research Projects

- **Dr Lalit Kumar, Assistant professor in Department of Physics** has been awarded with a major research project worth Rs 40 lacs by Science and Engineering Research Board (SERB), Govt. of India.
- **Dr Sudhir Kapoor, Associate Professor, department of Statistics** has been awarded with a research project sanctioned by Indian Council of Social science research, MHRD
- **Dr. Chandrachur Singh, Assistant Professor in Political Science** was selected as an Academic Consultant in Prime Minister of India Project – a major research project at Nehru Memorial Museum and Library, New Delhi.

7. 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 – Industry – N/A

8. Seminars Organized: (Maximum 5)

- **Seminar on GST organized by Department of Commerce:**

Speaker - Rajiv Saxena, CA, 'GST: Revolutionary Tax Reform in India', 4.8.2018

- **Seminar on “UPSC and Other Government Exams” organized by Department of Commerce.**

Speakers - Mr. Anuj Jindal and Mr. Manuj Jindal, ‘UPSC and other Government Exams’, 21st August 2017.

- **Department Seminar, Department of History**

Speakers Prof. Amar Farooqui, from Delhi University, “Colonial Bureaucracy in India: Evolving Trends. Prof. Salil Mishra from Ambedkar University ‘Historicizing Religion – A New Look’.

- **Seminar organized by B.Sc (Physical Science with Chemistry)**

Speakers - Prof. Kuldeep Agnihotri, Vice Chancellor, Himachal Central University, Himachal Pradesh, "Jammu And Kashmir: Accession And Subsequent Development”, 28th October, 2017.

- **Seminar organized by ANKUR SOCIETY, the Enabling Unit of Hindu College (as part of World Science Day)**

Speakers -Prof Ramesh Agarwal, JNU, Delhi, and Dr. Komal Kamra, SGTB Khalsa College Delhi University, on ‘Accessibility with Inclusion of Disability in Mainstream’, 28 February, 2017.

9. Conferences Organized : ((Maximum 5)

Asian Undergraduate Summit 2017, June 5 – 9, 2017 organized in association with National University of Singapore, sponsored by NSDS, Government of India.

- **International Conference on “Advancing Green Chemistry: Building a Sustainable Tomorrow” – 3 to 4 October, 2017, jointly organized by Green Chemistry Network Centre, Department of Chemistry, University of Delhi and Hindu College.**

Hindu College and Green Chemistry Network Centre, Department of Chemistry, University of Delhi jointly organized an International Conference on “Advancing Green Chemistry: Building a Sustainable Tomorrow” at University of Delhi on 3-4 October 2017. The main aim of this conference was to discuss on deep environmental issues by creating an interdisciplinary platform and share new information, advances and outlook in Green Chemistry. This forum was graced by

the eminent Dr. David Constable (Science Director, ACS Green Chemistry Institute, USA). More than 200 participants which included educators, scholars, and eminent scientists from various segments of industries participated. Dr. Anju Srivastava, Principal, Hindu College, University of Delhi, and Chair of this workshop, delivered the welcome address and emphasized on the importance of conducting such a workshop. The inaugural lecture was delivered by Dr. David Constable discussing the challenges and opportunities in the field of green chemistry.

- **National Conference on भारतीय वादविद्या**, 24 October, 2017,

The Sanskrit Department organized a one day National Conference on 24.10.2017 on the topic “भारतीय वादविद्या” under the coordination of Dr. Anita Rajpal. Prof. Hare Ram Tripathi, Head of The Sarvadarshan Department, Sri Lal Bahadur Vidyapeeth, Delhi and Dr. Satyamurti, Associate Professor, JNU were eminent scholars.

11.Seminar/Conference Presentations(Maximum 10)

INTERNATIONAL CONFERENCES/SEMINARS

Dr. Reena Jain, Associate Professor in Chemistry

- Presented a paper on "*Remediating Waste Using Waste: Green Technology for Dye Degradation*" in International Conference on “Advancing Green Chemistry: Building a Sustainable Tomorrow” organized by Green Chemistry Network Centre, Department of Chemistry, University of Delhi and Hindu College, 3rd-4th October 2017.

Dr. Neha Kapoor, Assistant Professor in Chemistry

- Paper Presentation titled “Molecular Modelling and Docking of Caffeic Acid and its Amide Derivatives to Explore as Anti-inflammatory Agents via Targeting Human TLR4 (hTLR4)” at International conference on “Advance Green Chmistry: Building A Sustainable Tomorrow”, 3rd-4th Oct 2017, University of Delhi, Delhi.

- Poster Presentation titled “A New Class of MRI Contrasting Complex: Curcumin Conjugate Based” at International Conference titled 7th APNMR(Asia Pacific NMR Symposium) held on 16th-19th Feb 2017, IISc, Bangalore.

Dr. Devanshi Magoo, Assistant Professor in Chemistry

- Presented a poster titled “Nickel Boride Mediated Cleavage of 1,3-Oxathiolanes – A Convenient Approach to Deprotection and Reduction” at “International Conference on Advancing Green Chemistry: Building a Sustainable Tomorrow”, Hindu College October 3rd-4th, 2017.

Mr. Siddharth Kanoujia, Assistant Professor in English

- Presented a paper titled “The Possession of Narratives: Telling and Transmitting Caste in Indian Folktales” at European Conference on Arts and Humanities in Brighton, UK on July 11-12, 2017 organized by The International Academic Forum.

Dr. Richa Bajaj, Assistant Professor in English

- Presented a paper titled “Muktibodh’s View of Poetry, as Presented in his Letters” at the International Conference on Indian Poetic Traditions organized by the English Department, Janki Devi Memorial College, Delhi University (2nd March, 2017)

Dr. Sudhir Kapoor, Associate Professor in Statistics

- Paper Presented: “Understanding the Nature of Impact of Weather Conditions and Other Pollutants on the Air Quality: A Statistical Model.” Paper presented at the International conference on ‘Advancing Green Chemistry: Building a Sustainable Tomorrow’ jointly organized by Green Chemistry Network Centre, Department of Chemistry, University of Delhi and Hindu College, University of Delhi, Delhi, on 3-4 October 2017. (Co-presented).

Dr. Manoj Kumar Varshney, Assistant Professor in Statistics

- Presented a research paper entitled "A competing risk approach to estimate the probability of death of AIDS patients under ART with the variation of CD4 cell counts" in the International Conference on Changing Paradigms

and Emerging Challenges in Statistical Sciences (IPECS-2018) on 29 - 31, January 2018 at department of Statistics, Puducherry.

Dr. Priyanka Aggarwal, Assistant Professor in Statistics

- Participated in International Conference on Statistics, IISA-2017, December 28-30, 2017, Hyderabad. Presented an invited paper entitled 'Bayes Prediction of Poisson Regression superpopulation Mean with a Non-Gamma Prior'.

Dr. Gitika De, Assistant Professor in Sociology

- Presented paper on "Welfare Policies, Transparency and Governance: A case study of Social Audits in Telangana, India", at Lien International Conference on Good Governance, organized by Nanyang Centre for Public Administration, Nanyang Technological University, Singapore, 27-28 Oct, 2017.
- Presented paper on "Contention for Information: Witnessing, Verification, and Written Truths", at International Seminar on Information and Power in History, organized by Huygens ING, held at VU University, Amsterdam, 16-17 March 2017.

Dr. Devasia M. Antony, Assistant Professor in Philosophy

Presented an invited research paper titled "Journeying Towards Peace: Hermeneutics of Encounter between Kant and Gandhi" at the 3rd Annual International Conference on Peace and Reconciliation: Perspectives from Religion and Philosophy, organized by Indian Council of Philosophical Research (ICPR), New Delhi, and Sri Vishnu Mohan Foundation, Chennai, at Chennai, January 27-29, 2018.

Dr. Soma M. Ghorai, Assistant Professor in Zoology

Attended and Presented Poster in International conference on "Emerging Trends in Drugs Development and Natural-Products, " ETDDNP-2018 at the Department of Chemistry, Delhi University from 12th-14th January, 2018.

Shri C.L. Jonwal, Assistant Professor in Zoology

Presented a paper entitled "Microwave radiation: A climatic hazard and threat to male fertility and its amelioration by melatonin" in international conference on Trends in Engineering and Management Research held on 30th July, 2017 at Institute of Electronics and Telecommunication Engineers, Indiranagar, Pune, India.

NATIONAL CONFERENCES/SEMINARS

Dr. Sudershan Kumar, Assistant Professor in Chemistry

Presented a paper titled "Electrochemical, Surface Morphological and Theoretical Studies of Decyltriphenylphosphonium Bromide (DTPPB) as a Potential Corrosion Inhibitor for Mild Steel in Coal Mine Water" at the National Conference on "Clean & Green Energy: The Chemical and Environmental Aspects" (NCGE-2017) held in February 16th-17th, 2017.

Dr. Lalit Kumar, Assistant Professor in Physics

Presented a paper titled "Development of ZnO/ Polyaniline core-shell nanostructure for room temperature LPG Sensing", at SEFM-2017, IIT Mandi.

Dr. Priyanka Aggarwal, Assistant Professor in Statistics

Participated in National Conference on Advances in Applied Mathematics and Statistics (NCAAMS – 2017), September 7-8, 2017, Mata Sundri College for Women, University of Delhi. Presented a paper entitled 'Bayes Prediction of Poisson Regression Superpopulation Mean with a Non-gamma Prior'.

Dr. Ravi Nandan Singh, Assistant Professor in Sociology

Presented a paper titled "Living and dead in the shifting shadows of place-names" at The Friday Colloquium, Department of Sociology, University of Delhi, on March 3, 2017.

Dr. Devasia Murupth Antony, Assistant Professor in Philosophy

Presented a research paper titled "Catushkoti: The Dialectic and the Limit of Logical Thinking in Acharya Nagarjuna" at the National Conference on

(Panchtatva), The Equal opportunity Cell (Ankur), Women's Development Cell (WDC), Enactus, etc.

- (g) Number of camps organized in the surrounding areas.
NSS: Medical Camp, Blood donation camp, Cleanliness Drive, Collection Drive, Awareness Drive
NCC: Combined annual training camp, Representation in Sea attachment camp, Republic day camp, para sailing camp, Nau-Sainik Camp, Sailing Camp, Blood donation camp, and Yoga workshop.
- (h) Number of people enrolled/covered in the camps:
NSS: 100 people enrolled
NCC: 50
- (i) Number of students who worked in the camps
NSS: 1000 attendance in various camps
NCC: 19 cadets participated in Combined Annual Training Camp. Hindu College NCC won best College Award.
02 in RD Camp,
05 in Nau-Sainik Camp,
01 in Sea attachment Camp
01 in para sailing camp.
01 in Sailing Camp

17. Library Development

a) Total Budget = 933500 (Book Fund) +9,11,000 (Library Development)

b) No. of books added in 2017-2018 = 1197 books

c) Internet Facility = wifi facility available in the Library

18. Faculty Strength : 163

19. Financial Allocation and Utilization

a) Grant sanctioned in Rs. 3253.70 lakhs

b) Utilized in Rs.3253.60 lakhs

20. Other Significant Information-

21. Name and contact detail of Coordinator for Annual Report 2017-18

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