

PROFESSOR D. S. HOODA : EMINENT MATHEMATICIAN**R.C. Singh Chandel**Executive Editor: *Jñānābha*, Founder Secretary: Vijnāna Parishad of India

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Professor D. S. Hooda is well known mathematician associated with VIJÑĀNA VIJNANA PARISHAD OF INDIA since 2009 when he organized 13th Annual Conference of VPI at JIET, Raghogarh, Guna, Madhya Pradesh, India. He was honored by *Distinguished Service Award* of VPI during 15th Annual Conference of VPI, 2011 held at D.A-V. College, Kanpur, Uttar Pradesh. Professor Hooda was also honored by conferring on him Honorary Fellow of VPI (*FVPI*) during 19th Annual Conference of VPI held at HNB Garhwal University, BGR Campus, Pauri Garhwal, Uttarakhand (December 10-12,2016). At present he has credit to grace the chair of President, VPI (April 01,2020 to March 31,2023). During this period, he has also been honored by *VPI Golden Jubilee Award* during 5th International Conference and Golden Jubilee Celebrations of VPI at JNU, New Delhi, India (June 16-18,2022).

All members of *Jñānābha* fraternity feel immense pleasure with heartiest congratulations and best wishes to publish current issue of *Jñānābha* 52(2) (December 2022).

(Dedicated to Professor D. S. Hooda on His 80th Birth Anniversary Celebrations)

Professor D.S. Hooda at a Glance

1. Name :Prof. D. S. Hooda
2. Father's Name :Shri. Singh Ram
3. Present Post Held :Honorary Professor (Mathematic),
GJ University of Science & Tech, Hisar
&
Member of Advisory board of Starex University,
Bilaspur, Gurugram(Haryana)
4. Date of Birth :November 05, 1942
5. Present Address :Prof. D.S. Hooda
(Former PVC, Kurukshetra University)
House No 76, Sector 4, Rohtak - 124001 (Haryana)
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6. Positions Held:

- | | |
|--------------------------|--|
| Jan., 2016 - Till Date | Honorary Professor, GJUS&T, Hisar |
| Sept., 2009 - June, 2015 | Dean (Research), JUET, Guna |
| Aug., 2003 - Aug., 2009 | Prof. and Head, JIET, Guna |
| Nov., 2002 - April, 2003 | Pro Vice Chancellor Kurukshetra University, Kurukshetra. |
| Feb., 1998 - Nov., 2002 | Professor, CCS Haryana Agri. University, Hisar. |
| Dec., 1994 - Feb., 1998 | Prof. and Head, CCS H.A.U., Hisar. |
| Jan., 1990 - Dec., 1994 | Professor, CCS H.A.U., Hisar. |
| Aug., 1987 - Jan., 1990 | Assoc. Professor CCS H.A.U., Hisar. |
| Dec., 1985 - Aug., 1987 | Principal, C.R.M. Postgraduate College, Hisar. |
| Sept., 1982 - Dec., 1985 | Assoc. Professor, CCS H.A.U., Hisar. |
| Oct., 1972 - Sept., 1982 | Assist. Professor, CCS H.A.U., Hisar. |
| May, 1970 - Oct. 1972 | Lecturer, CCS H.A.U., Hisar. |
| Aug., 1969 - May, 1970 | Lecturer, SP College of Education, Rewari. |
| Sept. 1964 - Aug., 1969 | T.G.T., Directorate of Education, Delhi. |

7. Academic Qualification:

Examination	Year	marks %age	University	Subject Taken
M.A.	1969	58.0	Delhi	Mathematics
M.Phil	1977	72.6	Meerut	Mathematics
Ph.D.	1981	-	Kurukshetra	Information Theory and Its Application

8. Administrative/ Organizational Experience:

- University Hostel Warden : 8 years
- N.S.S. Program officer : 3 years
- Principal of P.G.College : 2 years
- Head of Department : 9 years 6 months
- Pro-Vice-Chancellor : 4 months 10 days
- Dean (Research) : 6 years

9. Publications:

- Research papers published : 135
- Papers/articles published on education in Mathematics, Science and Technology : 32
- Books published : 12
- Chapters in Books : 4

10. Membership of Professional Societies

- Senior Vice President of *Indian Society for Information Theory and Applications*.
- Vice-President of the *Forum for Interdisciplinary Mathematics*.
- Member of *Indian Society of History of Mathematics*.
- Member of the *Executive Council of Haryana Mathematical Society*.
- Vice President and Fellow of *Vijñāna Parishad of India*.
- Vice President of *Gwalior Academy of Mathematical Sciences*.
- Life member of *Indian Society of Industrial and Applied Mathematics*.
- Elected member of *International Association of Statistical Education*.
- Elected member of *International Statistics Institute*.
- Member of *Executive Council of International Society of Business and Industrial Statistics*.
- Country coordinator from India to *International Statistical Literacy Project (ISLP)*.
- Reporter from India to *IASE News Letter*.
- Sectional President of Mathematical Sciences (including statistics) of *ISAC* for year 2013-14.
- Senior vice president of *Indian Society of Information theory* from 2014-Till Date.
- President of *Vijñāna Parishad of India* for 3 years from 1st April 2020- 31st March 2023.

11. Present and Past Membership of Universities and Institutions

- Member of Executive Council of M.D. University, Rohtak.
- Member of Finance Committee of G.J. University, Hisar.
- Member of Academic Council of JUIT, Wagnagar, H.P.
- Elected Member of National Academy of Sciences, Allahabad
- Member of advisory committee of Gandhi Vocational College, Guna (M.P.)
- Member of Executive Council of Barkhula University, Bhopal, M.P.
- Member of General Council of the Institute of Excellence in Higher Education, Bhopal.
- UGC representative on the Board of Management of Government College of Engineering, Karad (Maharashtra)
- Member of Board of Governors of Rajasthan Institute of Engineering and Technology, Jaipur.
- Member of BOG of Government Engineering college as AICTE nominee.

12. Students Guided

- Guided nine in mathematics, three in Statistics and one in CSE who have been awarded Ph.D.
- Worked as Member of Advisory Committees of many Ph.D. and M.Sc. Students.
- Supervised a PDF in mathematics for two years from 2013 to 2015.
- One of my Ph.D. student was bestowed with Young Scientist Award in 2012.

13. National and International Conferences/ Symposium Participated:

Attended about 105 National and International Conferences/ Symposium as Keynote/ plenary /invited speaker and contributed paper presenter.

14. Foreign Visits

- a) Universitat der Bunderswehr, Hamburg, Germany in 1992 and presented a paper at 17th Symposium on Operations Research.
- b) University of Mannheim, Germany, under Indo-German Cultural Exchange Program for three months from January 05 to March 31, 1993.
- c) Technical University of Denmark, Copenhagen from June 24-30, 1996 and presented a paper at 9th Conference of European Consortium for Mathematics in Industry.
- d) University of Southern Maine, U.S.A. in July, 1997 and presented a paper at International Conference on Combinatory, Information Theory and Statistics held from July 18-21, 1997.
- e) Isfahan University of Technology, Isfahan, Iran and delivered an invited talk at 5th Iranian Statistical Conference held from Aug. 22-24, 2000
- f) University of Wollongong, Australia and presented a paper at International Conference on Statistics, Combinatorics and Related Areas held from Dec. 19-21, 2001.
- g) University of Malaya, Kuala Lumpur and delivered a seminar on the topic "Entropy Optimization Principles with Applications" on Dec. 26, 2001.
- h) Alfred Renyi Institute of Mathematics, Budapest, Hungary for 4 months from May 9 to Sept. 5, 2002 under Indo-Hungarian Cultural Exchange Program.
- i) Technical University Eindhoven, The Netherlands and presented a paper at ECMI-2004 held from June 21-25, 2004.
- j) Malaysia to deliver an invited talk at International Statistics Conference held at University of Malaya, Kuala Lumpur from Dec. 27-31, 2005.
- k) Portugal from Aug. 17 to 25, 2007 to present a contributed paper at the university of Azores and to attend 56th session of ISI held at Lisbon, Portugal.
- l) Prague, Czech Republic from July 1-4, 2008 to present an invited paper at an International Symposium on Business and Industrial Statistics.
- m) Johannes Kepler University, Linz, Austria from July 5-14 for collaborative research
- n) Durban, South Africa, to deliver a talk at 57th session of ISI held from Aug. 16-22, 2009.
- o) Portoroz, Slovenia, to present an invited paper at ISBIS 2010 held from July 6-9, 2010.
- p) Ljubljana, Slovenia, to deliver an invited talk at ICOTS 8 held from July 11-16, 2010.
- q) Montreal, Canada, to organize a symposium and to deliver an invited talk at 20th International Conference of FIM held from July 1-4, 2011.
- r) Cebu City, Philippines to participate as discussant in IASE Roundtable Conference-12 held from July 2 to 6, 2012.
- s) Seoul, South Korea as a member of Indian delegation at ICME 12 held from July 8-15, 2012.
- t) Hong Kong, China, to participate and to present an invited paper at 59th WSC held from Aug. 25 to 30, 2013
- u) Antalya, Turkey to deliver a Key Note Address at Plenary Session at International Conference on Advanced Technology & Sciences held from August 12 to 15, 2014,
- v) Barcelona, Spain, to deliver a lecture at International Symposium on Business and Industrial Statistics held from June 8 to 10, 2016
- w) 62nd ISI World Congress held in Kuala Lumpur from August 18 to 23, 2019

15. Academic Awards

- a) ISITA (Indian Society of Information Theory and Applications) Award in 2005 for outstanding Contribution to Development and Research in Information Theory and its Applications.
- b) Conferred by American Biographical Institute, USA, in 2004 with honorary appointment to the Research Board of Advisors of the Institute.
- c) Awarded with financial grant of about AU\$ 2900 by Australian Government for presentation of a Paper at ICIAM 2003 held at Sydney from July 7 to 12, 2003.
- d) Award of excellence for standing 1st in the Training on Computer Applications in 1999.
- e) Awarded with visiting fellowship by the Indian National Science Academy for three months for Collaborative research with Professor J.N. Kapur at J.N.U., New Delhi from July 4 to Oct. 4, 1994.
- f) International Plato Award-2010 for educational Achievement, International Biographic Centre, Cambridge, St Thomas Place, Great Britain in 2010.
- g) Conferred with the Distinguished Service Award bestowed by VPI in 2011 at Kanpur.
- h) Member of Indian Delegation constituted by the Government of India to participate ICME 12 held from July 8

to 15, 2012 at Seoul, South Korea.

- i) Bestowed with Life Time Achievement Award by Venus International Foundation, Chennai in a function held on 5th July, 2015.
- j) Honored with fellowship of Vijnana Parishad of India in 2016 at 19th Annual Conference held at Pauri Garhwal from Nov. 8 to 10, 2016.
- k) Winner of Best Research Paper award in The World Academy Championship-2017.
- l) Bestowed with Leading Educationist of India and Bharat Excellence Awards by Friendship Forum of India, New Delhi, on 25th September, 2018.
- m) Life Time Achievement Award was bestowed on me by Indian Association of Reliability and Statistics at International Conference held in MD University, Rohtak(HR), from Dec. 27 to 30, 2018.
- n) Bestowed with Bharat Ratna Dr. Abdul Kalam Gold Medal Award on 20th July by “Global Economic Progress & Research Association” Tamil Nadu, India.
- o) Conferred with Rashtriya Shiksha Ratan Award in 43rd International Conference organized by Indian Institute of Oriental Heritage, Kolkata from Feb. 7-9, 2020.
- p) Best Researcher Award was bestowed on him by Indian Institute of Technical and Scientific Research on 13th September, 2020.
- q) Bestowed with “Outstanding Scientist Award” by VDGGOOD Technology Factory in the international Scientist Awards on Engineering, Science and Medicine held on 12th Nov., 2021, Chennai, India.
- r) Life Time Achievement Award was Presented online by INSO International Scientist Awards on Engineering, Science and Medicine INSO, 2021.
- s) Conferred with VPI Golden Jubilee Award in its 5th International Conference held In JNU, New Delhi from June 16 to 18, 2022.
- t) Bestowed with Life time Award in 6th International Conference organized from Oct.4 to 6, 2022 by the Department of Mathematics, JECRC University, Jaipur (RAJ.), India.
- u) Life Time Achievement Award was Bestowed by His Excellency Hon’ble Governor Meghalaya, India in Shiksha Samman Samaroh on 12th anniversary of Shiksha Shristi Newspaper held on 9th Sept., 2022.

16. Other Academic Assignments/Positions Held

- a) Member of Expert Committee to recommend Indian Scientists to visit China under Sino-Indian Cultural Program in 1992.
- b) Member of the Selection Committees of various teaching positions in many universities and UPSC.
- c) AICTE nominee on the committee for teachers and officers in Maharana Pratap University of Agriculture and Technology, Udaipur(Rajasthan).
- d) Nomination of AICTE representative on BOG of Government Engineering College, Bharatpur, Rajasthan.
- e) On the panel of External Experts for the Staff Selection Committees of NIT, Kurukshetra.
- f) Member of National Advisory Committee of Vijnana Parishad of India.
- g) Member of UGC Expert Committee to evaluate proposals for organizing seminar, conference, etc.
- h) Member of UGC Expert Committee to evaluate proposals received from different University Departments under Special Assistance Program (SAP) and for Innovative Programs.
- i) Member of UGC expert committee for inclusion of a university under 12(b) of UGC acts 1956.
- j) Chairman of Inspection Committee constituted by UGC to inspect four colleges in Maharashtra Distt. Sholapur from Feb.19 to 22, 2018.
- k) Advisor (R) to Atal Bihari Vajpey Hindi University, Bhopal.

17. Chief/ Member of Editorial Boards

- a) Chairman of Editorial Board of Juet News Letter.
- b) Founder Chief Editor of JUET Research Journal of Science and Technology
- c) Member of Editorial Board of American Journal of Applied Mathematics
- d) Member of Editorial Board of the Journal of Physical Sciences Research
- e) Editorial Board Member of International Journal of Physical and Applied Sciences.
- f) Editorial Board Member of Aryabhata Journal of Mathematics and Informatics.
- g) Member of Editorial Advisor Board of KAIM Journal of Management and Research
- h) Academic Editor of an International Journal “Advances in Research”.
- i) Journal of Applied Mathematics and Physics
- j) SRMS Journal of Mathematical Sciences
- k) Member of Advisory Committee of Journal of Indian Academy of Mathematics.

- l) Editorial Board Member of SCIREA Journal of Mathematics
- m) Editorial Board Member of Advanced Mathematics
- n) Advisory Board Member of Scientific Research, An Academic Publishing House
- o) Editorial Board Member of Multidisciplinary Research and Reviews.
- p) Academic Council of ST Institute of Aeronautics, Jaipur, India.
- q) Member of Editorial Advisory Board of *Jñānābha* Journal of Vijanan Parishad of India.
- r) Editor of International of Mathematics and Physics
- s) Advisory Board Member of Acta Scientific Computer Science Journal
- t) Editor-in Chief of Oriental Journal of Physical Sciences
- u) One of Editor in Chief in VIT Press International Journal of Mathematical Modeling and Applications

18. Conferences/ Symposia/ Workshops Organized

- (i) 2nd Annual Conference of Indian Society of Information theory held in Feb., 1997.
- (ii) 11th Annual Conference of GAMS and a National Symposium on Applicable Mathematics to Engineering and Technology organized from April 22-23, 2006.
- (iii) Annual Conference of Vijanana Parishad of India and National Symposium on Recent Developments in Applicable mathematics and Information Technology was held on Dec. 4-6, 2009.
- (iv) National workshop on Optimization and Information Theory with Their Applications was organized from March 24-26, 2011.
- (v) 17th Annual Conference of GAMS and National Symposium on Computational Mathematics and IT Organized from Dec. 7 to 9, 2012.
- (vi) The program of mathematical sciences section (including statistics) was organized as Section President of ISCA at 101st session held in Jammu University, Jammu from Feb. 3 to 7, 2014.
- (vii) Co-chair as organizer of Mini-Symposium entitled Fuzzy Information Theory, Fuzzy Logic Systems and Fuzzy Control in ICOMET 2017 held at the Royal Institute of Technology University, Melbourne, Australia from Dec. 18 to 20, 2017.

19. Books and chapters

1. Fundamentals of Mathematics- Jeevan & Sons Publishers, New Delhi, Pages 300.
2. Elements of Algebra- Jeevan & Sons Publishers, New Delhi,. Pages 530.
3. Manual on Designs of Experiments - Department of Mathematics and statistics, HAU, Hisar, 1997.
4. Recent Advances in Information Theory, Statistics and Computer Applications -Department of Mathematics and Statistics, CCS Haryana Agricultural University, Hisar-1997.
5. Aryabhata: Life and Contributions-New Age International Publishers Revised Second Edition, 2001.
6. Fuzzy Sets and Information:A Generalized Approach-Lambert Academy Publishing, Germany, 2009.
7. Some Generalized information Measures: Their Characterization and Applications- Lambert Academy Publishing, Germany, 2010.
8. Learning Manual of Workshop on Optimization and Information Theory, Excel India Publishers, 2011.
9. Fuzzy Information Measures with Applications, Narosa Publishing House, New Delhi, 2014.
10. Fuzzy Set Theory and Fuzzy Controller, Narosa Publishing House, New Delhi, 2015.
11. Computational Mathematics and Information Technology, Narosa Publishing House, New Delhi, 2016.
12. Fuzzy Logic Models and Fuzzy Control: An Introduction, Narosa Publishing House, New Delhi, 2017.
13. The Role of Technology in Indian Statistics Education: Chapter 28 I A Review- Springer International Publishing Switzerland (2016). DOI 10.1007/978-3-319-23470-0_28 (BK Hooda).
14. 'On Application of fuzzy Soft and Intuitionistic Fuzzy Soft Set in Dimension Reduction and Medical Diagnosis' Chapter 7 in New Ideas Connecting Science and Technology Vol. 8, Book Publisher International, 2021.
15. 'Information Theoretic Models for Dependence Analysis and Missing Data Estimation'- Chapter 10 in Current Approaches in Science and Technology Research Vol.5, Book Publisher International, 2021.
16. A Study on the Generalized Fuzzy Mean Codeword Lengths-Chapter 6 Current Topics on Mathematics and Computer Science Vol. 6- Book Publisher, International- page 81-95. DOI: 10.9734/bpi/ctmcs/v6/3167F (Divya Jain)