

# Prof (Dr) HARJINDER SINGH ROSE

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## ACADEMIC AND ADMINISTRATIVE POSITIONS:

Name of the Institution	Position Held	From	To
Guru Kashi University, Talwandi Sabo	Pro Chancellor	January 4, 2021	January 31, 2021
Guru Kashi University, Talwandi Sabo	Vice Chancellor	March 31, 2020	January 3, 2021
Guru Kashi University, Talwandi Sabo	Dean, Academics & Dean, Research	July, 2019	January 3, 2021
SUS Group of Institutions, Tangori	Director, Planning & Monitoring	December 22, 2014	March 11, 2016
SUS Group of Institutions, Tangori	Chief Admission Officer	Academic Session 2014-2015	
SUS Group of Institutions, Tangori	Admission Coordinator	Academic Session 2013-2014	
SUS College of Research & Technology, Tangori	Principal	September 11, 2009	March 11, 2016
SUS College of Pharmacy, Tangori	Principal	September, 2009	June, 2012
Lovely Professional University, Phagwara, Jalandhar, Punjab	Head (HOD-F), Life Sciences	August, 2007	August, 2009
Lovely Professional University, Phagwara, Jalandhar, Punjab	Head (HOD-F), Department of Bio-technology	October, 2008	August, 2009
Punjabi University, Patiala, Punjab	Head, Department of Zoology	May 1, 2005	October 31, 2006
Punjabi University, Patiala, Punjab	External Advisor (MoEF Project*)	April, 2007	December 31, 2008
Punjabi University, Patiala, Punjab	Coordinator/ PI (MoEF Project*)	March, 2000	October 31, 2006

\* Ministry of Environment and Forests, GOI, New Delhi

**TEACHING AND RESEARCH EXPERIENCE:**

Name of the Institution	Position Held	From	To
Lovely Professional University, Phagwara, Jalandhar, Punjab	Professor, Life Sciences (Zoology)	August 2007	August 2009
Punjabi University, Patiala, Punjab	Professor	July 1998	October 2006
Punjabi University, Patiala, Punjab	Reader	October 1986	July 1998
Punjabi University, Patiala, Punjab	Lecturer	July 1979	October 1986
Punjabi University, Patiala, Punjab	Lecturer	February 1979	May 1979
Panjab University, Chandigarh	Research Officer	May 1978	February 1979
Panjab University, Chandigarh	Post Doctoral Fellow	March 1977	April 1978
Panjab University, Chandigarh	Demonstrator	August 1972	November 1972
DAV College, Chandigarh	Demonstrator	October 1971	June 1972

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Research Experience: **50 years**

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Teaching Experience: **31 years**

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**EDUCATIONAL QUALIFICATIONS:**

Degree	Year	University	Remarks
Ph. D.	1977	Panjab University, Chandigarh	Work adjudged to be an excellent one
M. Sc. (Honours School)	1971	Panjab University, Chandigarh	1 <sup>st</sup> Div
B. Sc. (Honours School)	1970	Panjab University, Chandigarh	2 <sup>nd</sup> Div
Matriculation	1964	Panjab University, Chandigarh	1 <sup>st</sup> Div
Certificate course (German language)	1974	Panjab University, Chandigarh	---

**MAJOR RESEARCH PROJECTS:**

Ten major research projects funded by the central government agencies such as Department of Science and Technology, Indian Council of Agricultural Research, Ministry of Environment and Forests, Council of Scientific and Industrial Research, University grants Commission, Punjab State Council of Science and Technology have been successfully completed during 1981 to 2008.

**NATIONAL LEVEL RESEARCH RECOGNITION:**

For the implementation of Article 6 of the Convention on Biological Diversity in India, the Ministry of Environment & Forests, Government of India, New Delhi launched an "All India Coordinated Project on Capacity Building in Taxonomy (AICOPTAX)" to boost research in biodiversity. In view of my work in Entomology (Lepidopterozoology), the said Ministry selected me as a Coordinator while having my research laboratory in the Department of Zoology, Punjabi University, Patiala as the Coordinating Center. This center had five collaborating units situated at Chandigarh (UT), Peechi (Kerala), Guwahati (Assam), Kangra (Palampur) and Muzaffanagar

(UP). The Centre was sanctioned during the Ninth Five year plan (2000) of the Government of India. Similarly, Punjab State Council of Science and Technology, Chandigarh invited me to do research on moths (Lepidoptera) while undertaking studies on the , "Biodiversity in the Shivalik Ecosystem of Punjab". The council compiled the entire data in a book published in 2006.

#### FELLOWSHIPS:

- **Fellow**, Indian Society for the Advancement of Insect Science (February 20, 2008).
- **Fellow**, Nature Conservators (**FNC**: February 2, 2004).
- **Fellow**, Academy of Sciences for Animal Welfare (**FAScAW**: June 25, 2003)
- **Fellow**, The Indian Academy of Environmental Sciences, Haridwar (**FIAES**: Dec 29, 2001).
- **Fellow**, Bioved Research Society, India (**FBRs**: February 21, 1998).
- **Fellow**, National Environmental Research Society, New Delhi (**FNESA**: December 29, 1997).
- **Fellow**, Zoological Society of India (**FZSI**: April 21, 1994).
- **Fellow**, Entomological Society of India (**FESI**: September 9, 1991).
- **Fellow**, Academy of Zoology of India (**FAZ**: December 23, 1974)
- **Fellow**, Royal Entomological Society, London (**FRES**: March 7, 1973).

#### AWARDS:

- **Bharat Excellence Award (Certificate of Excellence)-2015** by Friendship Forum, New Delhi, India.
- **Leading Scientist of the World – 2012'** (in Life Sciences: Zoology: Entomology) by International Biographical Centre, Cambridge (England)
- **Environmentalism of the Year Award-2003** by National Environmental Science Academy, New Delhi (India) awarded in April 2004.
- Nature Conservator's, India presented The '**Nature Conservator's Roonwal Award-2001'** in Recognition of Contributions in the Field of Insect Taxonomy and Diversity (May 20, 2002).
- **Scientist of the Year Award-2001** by National Environmental Science Academy, New Delhi (India).
- **Academy's Gold Medal** by Indian Academy of Environmental Sciences, Haridwar (India) (December 2001).
- **Contemporary Indian Zoologist of 20<sup>th</sup> Century Gold Medal** (November 2000) by the Zoological Society of India.

#### OTHERS:

- Ministry of Science & Technology (DST), New Delhi has listed me as a Resource Person in the programme titled, "Innovation in Science Pursuit for Inspired Research (INSPIRE)". Under the column subject, my name figures at s.no.1565 for Life Sciences.
- The syndicate of the Punjabi University, Patiala in its meeting held on August 8, 2007 (para 5) took note and appreciated the presentation of "Eminent Scientist of the Year Award" tome by National Environment Science Academy, New Delhi (letter no.14213/amla/s-8 dated November 11, 2007).

#### PUBLICATIONS:

- Research Papers : **208**
- Articles : **09**
- Chapter in Reference Books : **03**
- Books in English : **02**
- Book in Punjabi : **01**
- Encyclopedia Entries : **02**
- Abstracts : **139**

#### RESEARCH SUPERVISION/GUIDNACE:

- Number of students/scholars guided for PhD : **22**
- Number of students/scholars/teachers guided for MPhil : **17**
- Number of students guided for M.Sc : **03**
- Research Associates and others : **05**

#### PRESENTATIONS MADE AT VARIOUS CONFERENCES ETC:

- Attended : **69**
- Contributed in : **27**
- Review Meetings : **03**
- Invited Lectures : **24**
- Keynote Address/Speaker : **05**
- Sessions Chaired/Co-chaired : **24**
- Resource person : **16**

#### REPRESENTATION ON UNIVERSITY BODIES:

<b>Fellow</b> , Senate: Punjabi University Patiala	Up to October 31, 2006 (as per letter no. 3985 dated July 21, 2005).
<b>Member</b> , Syndicate: Punjabi University, Patiala	Up to June 29, 2006 (as per letter no. 4033 dated July 28, 2005).
<b>Member</b> , Academic Council, Punjabi University, Patiala	Up to July 26, 2006 (as per letter no.4079 dated September 8, 2005).

#### REFRESHER COURSES ATTENDED:

Attended one summer institute course on “Key Pests of India: their Bioecology with special reference to Integrated Pest Management” sponsored and organized jointly by the Indian Council of Agricultural Research and Punjab Agricultural University, held at Ludhiana w.e.f. June 6-15, 1990.

#### FOREIGN ASSIGNMENT/VISIT:

The University Grants Commission, New Delhi offered a special museum travel grant to undertake a scientific visit to the Natural History Museum (formerly British Museum Natural History), London, and University Museum, Oxford (UK) in 1985. A visit to the Biosystematics Research Institute, Ottawa, Canada was also arranged. I was the **first** scientist to get such an opportunity in the Department of Zoology, Punjabi University, Patiala since its inception in 1968. Also, visited USA in 2015 and 2018 and Canada in 2018.

#### CONSULTATION SERVICES / REVIEWER/SUBJECT EXPERT

- Consulted as a referee by the Indian Council of Agricultural Research, New Delhi; Department of Science and Technology, New Delhi and Ministry of Environment & Forests, New Delhi for reviewing and making comments on various research proposals.
- Reviewer of Entomon, Uttar Pradesh J. of Zoology, Annals of Entomology, Bulletin of National Museum of Natural Sciences, Geobios and Journal of Insect Science, Zoo Print Journal, Research Bulletin (Science), Proceedings of the National Academy of Science, India (Section B-Biol. Sci), Journal of Environmental Biologyetc .
- The Tata Energy Research Institute (TERI), New Delhi has also sought comments/suggestions on the document titled “Status of Biodiversity Conservation in Punjab”.
- The Department of Punjabi Language and editor, Vigyan de Nakash have also sought opinion for publication of some works in Punjabi at the University level.
- Subject expert on various selection committees held in different colleges/universities/institutes.

## RESOURCE PERSON:

- Resource person to deliver a series of lectures in the field of Lepidopterous systematics at the “International Training Workshop on Ecotaxonomy and Diagnostics of Agricultural Insect and Mite Pests of the Oriental region”. It was held at St. Johns’ College, Agra in collaboration with the Commonwealth Institute of Entomology, London. November 19 to December 23, 1984.
- Resource person in the seminar entitled, “Advances in Biology” held in the Department of Botany, Punjabi University, Patiala. December 10-15, 2001.
- Resource person at Refresher Course (June 5-24, 2006) in Biological Sciences (RC. BIOSCI-163.2006) held by UGC Academic Staff College, Himachal Pradesh University, Shimla-5.
- Resource person at UGC sponsored seminar, “Global Environmental Issues, Related Policies and Their Impact” organized at AS College, Khanna. December 6, 2006.
- Main Speaker at a function organized by Health and Human Rights Organization on the topic, “Environment: Education and Awareness) held at Patiala. December 12, 2006.
- Resource person in a workshop/training programme on, “Recent Techniques for Taxonomic Treatment of the order Lepidoptera”. Held under the aegis of, “Network Project on Insect Biosystematics” at Department of Entomology, PAU, Ludhiana, Punjab in collaboration with ICAR, New Delhi. December 15-19, 2008).
- Resource person to deliver an Extension Lecture at Guru Nanak Girls College, Ludhiana. November 21, 2009.
- Resource person to deliver a talk to a batch of trainee at Bio-Age Equipment & Services Training and R & D Centre, Mohali. July 24, 2009.
- Resource person at FDP on Research Methodologies at SUS Group of Institutions, Tangori (December 22- December 24, 2009). Spoke on the topic “Identification of a research problem and defining the problem”.
- Resource person at PTU sponsored short term course on Research Methodologies at SUS Group of Institutions, Tangori (August 2- August 4, 2010). Spoke on the topic “An overview of Research in Science and Technology”.
- Resource person/Mentor at Inspire Internship Science camp (a Programme of Science & Technology, GOI New Delhi). Held at AS College, Khanna (Punjab). January 3-7, 2012.
- Resource person at the XV Annual Conference of Association of Biology Teachers at PG Government College for Girls, Sector-42, Chandigarh. April 22, 2012.
- Resource person at ISTE meet at Guru Kashi University, Talwandi Sabo. April 28, 2012.
- Resource person at Punjab Technical University sponsored Faculty Development Programme on Research Methodology and Design of Experiments, organized by Department of Mechanical Engineering, SUS College of Engineering & Technology, Tangori (Mohali). July 22-26, 2012.
- Resource person/mentor at Inspire Internship Science Camp (sponsored by DST, GOI New Delhi) at AS College, Khanna (Punjab). December 22-26, 2012. Also Guest of Honour at valedictory session.
- Resource person at Faculty Development Programme (FDP) held at SUS College of Engineering & Technology, Tangori (Mohali). Topic, “Research Methodology Techniques”. July 24, 2013.
- Resource person at % -Day ISTE-PTU sponsored FD Programme at Swami Vivekanand Institute of Engineering & Technology (SVIET), Banur (Patiala). Topic, “Choosing a research topic and implication of research”. June 2-6, 2014.

## **ASSOCIATION WITH PROFESSIONAL / ACADEMIC AND OTHER SUCH BODIES:**

Life Memberships	: 21
Memberships	: 44
Councilor	: 02
Panel member	: 01
Organizing Secretary/Secretary	: 04
Chairperson	: 02
Patron	: 01

- ❖ Organized seminars/symposia/workshops in the capacity of Nodal officer, Organizing secretary, Chairman, Coordinator, Principal and Director (Planning & Monitoring).
- ❖ Organized many activities such as Blood Donation Camps, awareness programmes etc as Principal under NSS programme of GOI.

## **BIOGRAPHICAL LISTING AND OTHER HONOURS:**

- Asia's who's Who of Men & Women of Achievement. Vol.I (1986).
- Reference Asia. Vol. IV (1989).
- Learned Asia, Educationists Who's Who Vol,I (1992).
- Listed in a List of Indian Insect and Mite Taxonomists for identification service (1994).
- Indo American Who's Who Vol. I
- Directory of Indian Entomologists 1st Edition (1997)
- Asia/Pacific Who's Who Vol. I (1998).
- Included in Who's Who being published by the Entomological Society of India.
- Included in "Invertebrate Conservation Network Members, India(1997-98)
- International Who's Who of Twentieth Century Achievement, American Biographical Institute, Inc.(1999).
- Asia/Pacific- Who's Who Vol.II, p. 169 (1999).
- Biography Today Vol I, p. 537 (2000).
- Eminent Personalities of Twentieth Century by International Biographical Research Academy (IBRA) Publications (2000).
- Directory of Members of Association for Advancement of Entomology, Trivandrum, Kerala, India (2000).
- India International Friendship Society (IIFS), New Delhi shortlisted me for the "Shiksha Rattan Puraskar" award (letter dated July 31, 2008).
- Friendship Form of India, New Delhi included my name as one of the recipients for "Bharat Excellence Award" and Gold Medal(Certificate of Excellence) (Certificate of Felicitations) (letter dated August 31, 2009).
- Friendship Form of India, New Delhi chose my name twice for "Best Personalities of India Award" and Gold Medal (letter dated June, 2010 and November 23, 2010).
- Punjab University Alumni Association, Chandigarh honoured me as a "Distinguished Alumnus" at PU Alumni Meet on 19th of February, 2011.
- India International Friendship Society (IIFS), New Delhi chose me for most coveted institutional and globally reputed presentation of "Bharat Jyoti Award" along with "Certificate of Excellence"(letter dated February 20, 2006 and October 9, 2012).
- Best Citizen Publishing House, New Delhi chose me twice for the "Best Citizens of India award"(letter dated November 30, 2006 and December 29, 2012).
- Global Society for Health & Educational Growth, Delhi chose me for "Best Educationist Award" (letter dated June 23, 2015)
- India International Friendship Society (IIFS), New Delhi chose my name for most prestigious "Bharat Gaurav Award" along with "Certificate of Excellence" (letter dated January 21, 2016).
- Included in Coffee Table Book on Prominent Sikh Educationists and Academicians (2020).

**(HS Rose)**