

BIO-DATA

1. **Name** : **DR. M.S. SAINI**
2. **Designation** : PROFESSOR
3. **Department** : Zoology
4. **Date of Birth** : 15.03.1950
- Phones** : 091-0175-2351832
- Mobile:** : 9417120251
- Fax** : +91-0175-2282882 & 2283075
- E-mail** : saini20@ hotmail.com
5. **Area of Specialisation** : Entomology
6. **Academic Qualification:**



Degree Held	Year	Board/Univ./Inst.	Subjects Taken	Division
B.Sc.	1969	P.U.Chandigarh	Zoology, Botany, Chemistry.	Second
M.Sc.	1973	Pbi.Univ. Patiala	Zoology (Entomology)	First (Gold Medalist)
Ph.D.	1977	Pbi.Univ. Patiala	Comparative Morphology of Hymenoptera and Evolutionary trends	First Ph.D of this Department
D.Sc	2010	Pbi. Univ. Patiala	Indian Sawflies (Hymenoptera : Symphyta) Biodiversity	First time in the history of this University

7. **Membership of Professional Bodies/Organisations**

1. Bombay Natural History Society.
2. Indian Society for Advancement of Insect Science.
3. Annals of Forestry, an International Journal.
4. Association of Zoologists.
5. Member Punjab State wild life Advisory Board for three years.
6. Biosystematica

8. **Medals/Award/Honours/Received**

1. F.N.A. Sc. in the field of life sciences (2007)
2. E.K. Janaki Ammal National Award on Taxonomy by MoEF, Govt of India (2005)

3. State Award for achievements in the field of Animal Sciences (1999)
4. M.S. Randhawa award by the Language Department, Punjab (2001)
5. Award of Smithsonian short term visitors fellowship (2001)
6. M.S. Randhawa award by the Language Department, Punjab (2007)
7. Professor Emeritus UGC 2011

9. Scholarships:

- (i) U.G.C Research Scholarship

10. Details of Experience:

S.No.	Name of the Inst./Employer	Position Held	Duration	Major Job Responsibilities and Nature on Experience
1.	Punjabi University, Patiala	Research Scholar	1973-1977	Research in Entomology
2.	Punjabi University Patiala	Lecturer	1979-1986	Teaching & Research
3.	Punjabi University Patiala	Reader	1986-1998	Teaching & Research
4.	Punjabi University Patiala	Professor	1998 to this date	Teaching & Research

11. University offices held:

- a. Prof. & Head , Deptt. of Zoology ----- 3 years. 2006 – 2009
- b. Dean Academic Affairs ----- 2 years. 2008 - 2010
- c. Dean Research ----- 1 year. 2007 - 2008
- d. Dean Life Sciences ----- 1. 5 years 2008 – 2010
- e. Dean Faculty of Engineering and Technology ----- 2 years 2008 - 2010 (Additional Charge)

12 Published Work (Only number is specified):

- a. Research Papers (i) National : 120
(ii) International : 118
- b. Conference/Seminar Presentation =14
- c. Books
(i) Original : 18
(ii) Edited : Nil
- i. A monograph on Ak- Grasshopper (Covering external and internal morphology published by Punjabi University, Patiala.)
- ii. Endangered wild life of Punjab (in Punjabi) published by State Language Department, Punjab.
- iii. An Atlas of the Butterflies of Punjab (in Punjabi) Published by Punjabi University. Patiala.
- iv. The Singing birds of Punjab (in press) being published by the State language Department, Punjab.

- v. Endangered Avian Fauna of Punjab (in Punjabi) Published by Punjabi University, Patiala
- vi. Indian Sawflies Biodiversity : (Keys, catalogue & illustrations) Genus *Tenthredo* Linnaeus (Hymenoptera, Symphyta : Tenthredinidae)Vol. I
- vii. Indian Sawflies Biodiversity : (Keys, catalogue & illustrations) Subfamily Tenthredininae Sans Genus *Tenthredo* L.Vol. II
- viii. Indian Sawflies Biodiversity : (Keys, catalogue & illustrations) Subfamily AllantinaeVol. III
- ix. Indian Sawflies Biodiversity : (Keys, catalogue & illustrations) Subfamilies Selandriinae and DolerinaeVol. IV
- x. Indian Sawflies Biodiversity : (Keys, catalogue & illustrations) Subfamilies Blennocampinae, Heterarthrinae & NematinaeVol. V
- xi. Indian Sawflies Biodiversity : (Keys, catalogue & illustrations) Families - Argidae, Cimbicidae, Diprionidae, Pamphilidae, Sircidae, Xiphydriidae and OrussidaeVol. VI
- xii. Indian Sawflies Biodiversity : (Published Research Work) Genus *Tenthredo* Linnaeus (Tenthredininae)Vol. VII
- xiii. Indian Sawflies Biodiversity : (Published Research Work) Subfamily Tenthredininae Sans Genus *Tenthredo* L.Vol. VIII
- xiv. Indian Sawflies Biodiversity : (Research Publications) Subfamilies Blennocampinae & SelandriinaeVol. IX
- xv. Indian Sawflies Biodiversity : (Research Publications) Subfamilies Allantinae, Dolerinae, Heterarthrinae & NematinaeVol. X
- xvi. Indian Sawflies Biodiversity : (Research Publications) Families – Argidae, Cimbicidae, Diprionidae, Siricidae & XiphydriidaeVol. XI
- xvii. Indian Sawflies Biodiversity : (Evaluation of Taxonomic Characters)Vol. XII
- xviii. Punjab de Rukhan dian bimarian ate kide makode ate ohna di roktham published by RTC, Department of Forest (Punjab), Hoshiarpur (in Punjabi).

13. R & D Projects

Sr. No.	Name of Funding Agency	Duration	Title
i)	UGC	1979-84	Taxonomy of Indian Symphyta
ii)	ICAR	1982-87	Taxonomy and Zoogeography of the larvae of S.O. Symphyta from India

iii)	DST	1985-89	Ecology and Biology of Tenthredinidae (Hymenoptera, Symphyta) from India
iv)	US PL-480	1991-96	Taxonomic revision of Indian Tenthredinidae (Hymenoptera, Symphyta)
v)	UGC, minor research project	1998-2000	An assessment of the stone fly diversity in the upper reaches of Himachal & Uttar Pradesh
vi)	MOEF	2000-2003	Bumble bee diversity and its role in conserving the high altitude vegetation germ plasm in the himalayan region
vii)	Department of Forests, Govt. of Punjab with help of Japan Bank for international Cooperation	2001 - 2006	Fungal and insect diseases of forest trees of Punjab and their management strategies.
viii)	UGC-DRS-I	2007-2012	Thrust Area : Entomology, Taxonomy of four major Insect orders: Coleoptera, Hymenoptera, Lepidoptera & Diptera
ix)	ICAR	2009 onwards	Network project on Insect Biosystematics

14. Invited Talks/Articles

- i. Acted as resource person for UGC Refresher Courses and Orientation courses at Kurukshetra University(3), Punjabi University, Patiala(9), GNDU, Amritsar(1), PSCST, Chandigarh(1), For School Teachers(8).
- ii. Radio talk on Integrated Pest Management, 17.11.1994.
- iii. Acted as subject expert in a T.V. Documentary, produced by AVRC, Patiala and relayed by DD-I, New Delhi. Subject : *Cactus*.
- iv. Radio talk on the disappearing fauna of Punjab 1.1.2001.
- v. Popular articles in Punjabi & English - 130.

15. Ph.D. Students guided/under guidance: 23

16. M.Phil /M.Tech Students guided : 10

17. Visits to Foreign universities/ Research Institutes:

Year	University/ Institute
2002	Smithsonian Institute, U.S.A.
2002	B.M.H.N, London, U.K.
2008	University of Indonesia
2010	Yantai University, China

18 . List of Papers/Course taught at P.G. and U.G. Level

Sr. No.	Paper	Class
1	Insect-Morphology	M.Sc II
2.	Insect anatomy & Physiology	M.Sc.II
3.	Insect Pest Control and Toxicology	M.Sc.II
4.	Insects Man & Environment	M.Sc.I
5.	Ecology	M.Sc.I
6.	Zoogeography and Evolution	M.Sc.II