

Bio-data



- I)** Name : Dr. NAVNEET SINGH
- II)** Father's name : S. Resham Singh
- III)** Date of birth : August 05, 1979
- IV)** Present designation : Scientist 'D'
- V)** Correspondence address : Zoological Survey of India
M- Block, New Alipore
Kolkata
- VI)** Permanent address : Village: 26 PS, Raisinghnagar, Sri Ganganagar- 335 051, Rajasthan (India)Ph.:
(R) + 91-1507-221727
(M) 91-95041-20703 e-mail: nsgill007@gmail.com
- VII)** Areas of specialization: Entomology /Taxonomy
- VIII)** Academic qualification: M.Sc., Ph.D.

EDUCATIONAL QUALIFICATION

Qualification	Board/University	Year	%age
Ph.D. (Entomology)	Punjabi University, Patiala	Degree was awarded on February 28,2008	
M.Sc. (Zoology)	M.D.S. University, Ajmer	2002	64.41%
B.Sc. (Biology)	M.D.S. University, Ajmer	2000	65.08%
10+2 (Medical)	Madhyamic Siksha Board, Ajmer	1997	58.00%
Matric	CBSE, New Delhi	1995	49.40%
Punjabi Praveshika	Punjabi University, Patiala	2003	Pass

Topic of Thesis: “Taxonomic studies on family Arctiidae from Western Ghats of India”

Enrolled for Ph. D on February 4, 2003 and the degree was awarded on February 28, 2008. Ph. D was completed with fellowship.

DETAILS OF EXPERIENCE

Sr. No.	Name of the Institute	Position held	Duration	Major Responsibilities
1.	S.G.N. Khalsa P.G. College, Sriganganagar	Lecturer (Part-time)	July 22, 2002 to February 3, 2003	Teaching
2	Department of Zoology Punjabi University, Patiala	Junior research Fellow & Senior Research Fellow	February 4,2003 to July 31, 2008	Research
3.	Department of Zoology Punjabi University, Patiala	Research Associate (DST, New Delhi)	August 1, 2008 to August 2,2009	Research
4.	Baba Farid College, Muktsar road, Bathinda	Lecturer in Agriculture Entomology	August 3,2009 to September 18,2010	Teaching
5.	Zoological Survey of India, GPRC, Patna	Scientist - C	September 20,2010 to January 27,2015	Research in Lepidoptera taxonomy
6	Zoological Survey of India, GPRC, Patna	Scientist - D	January 28, 2015 to November 19, 2017	Research in Lepidoptera taxonomy
7	Zoological Survey of India, ZSI, Kolkata	Scientist – D	November 20, 2017 to February 10, 2020	Research in Lepidoptera taxonomy
5	Zoological Survey of India, ZSI, Kolkata	Scientist – E	February 11, 2020 to till date	Research in Lepidoptera taxonomy

DETAILS OF PH.D STUDENTS

Sr. No.	Name of the Student	Name of the Institute	Supervisor /Co-Supervisor	Status
1	Mr. Harsimran Singh	Punjabi University Patiala	Co-Supervisor	Degree awarded
2	Mr. Harwinder Singh	Punjabi University Patiala	Co-Supervisor	Degree awarded
3	Mr. Rahul Ranjan	Punjabi University Patiala	Co-Supervisor	Registered
4	Mr. Harsimranjeet Singh	Punjabi University Patiala	Co-Supervisor	Registered
5	Mr. Santosh Singh	Punjabi University Patiala	Co-Supervisor	Registered
6	Mr. Manpreet Singh	Punjabi University Patiala	Co-Supervisor	Registered

RESEARCH PROJECTS (As Principal Investigator/Co-Principal Investigator)

S.No	Name of the research Project	Sanctioning Institution	Duration	Coast	Status
1.	Taxonomic studies on family Noctuidae from Bihar and Jharkhand (PI)	Zoological Survey of India, Kolkata	3 years (2011-14)	-	Completed
2.	Taxonomic Revision of Indian Pyralinae (Pyralidae : Lepidoptera) (PI)	DST,SERB, New Delhi	3 years (2012-15)	Rs 15,72,000/-	Completed
3.	State Fauna of Jharkhand (Co-PI)	Zoological Survey of India, Kolkata	3 years (2014-17)	-	Ongoing
4.	Fauna of Hazaribagh National Park, Jharkhand (Co-PI)	Zoological Survey of India, Kolkata	2 years (2015-17)	-	Ongoing
5.	Fauna of Lawalong Wild Life Sanctuary, Jharkhand (Co-PI)	Zoological Survey of India, Kolkata	2 years (2015-17)	-	Ongoing
6.	Fauna of Terai Grasslands of Gangetic plains (Co-PI)	Zoological Survey of India, Kolkata	2 years (2016-18)	-	Ongoing
7	Faunal Diversity of Dalma Wildlife Sanctuary and Saranda Forest Division (Jharkhand), India (Co-PI)	Jharkhand Biodiversity Board	2 years (Jan. 2017- Dec.2018)	Rs 22,47,600/-	Ongoing
8.	Assessment of Moths as significant pollinators	MoEFCC, New Delhi (through NMH)	3 years (2018-21)	93,65,200/-	Ongoing
9.	Taxonomic studies on family Pyralidae (Pyraloidea: Lepidoptera) from North East India	DST, SERB, New Delhi	3 years (2018-21)	-	Ongoing

MEMBERSHIP / ASSOCIATION WITH PROFESSIONAL / ACADEMIC BODIES

1. Life Member, The Indian Science Congress Association, Kolkata.
2. Life Member, Society for Science and Environment, Jalgaon (Maharashtra).
3. Life Member, Association for advancement of Entomology, Department of Zoology, University of Kerala, Thiruvananthapuram, Kerala
4. Life member, Association of Entomologists, Department & Environmental Sciences, Punjabi University Patiala, Punjab
5. Founder member, Punjabi University Environment Society, Punjabi University, Patiala.

DISTINCTIONS/HONOURS

1. Qualified Rajasthan State Level Eligibility Test (SLET) for lecturer-ship in the subject of Life Science in the year 2005.
2. Worked in Natural History Museum, London from March 12, 2007 to March 17, 2007 for the comparison of different species of Arctiid moths with the Holotypes lying in the Museum.
3. Acted as a resource person in a workshop on recent techniques for taxonomic treatment of the order Lepidoptera held at Department of Entomology, Punjab Agricultural University, Ludhiana from December 15-19, 2008.
4. Acted as Reporteur in an International Conference on Entomology held at Department of Zoology, Punjabi University, Patiala from February 20-22, 2009.
5. As Organising secretary organised two Faculty Development Programmes at Baba Farid Group of Institution, Muktsar road, Bathinda from July 2-7, 2010 and July 22-23, 2010.

6. As Organising secretary organised “National conference on recent advances in Agriculture” at Baba Farid College, Muktsar road, Bathinda from September 2-3, 2010.
7. Chaired a session at National conference on Environment degradation & its impact on mankind held at Dept. of Zoology, Punjabi University, Patiala from November 19-20, 2010.
8. Co - Chaired a scientific session in an International conference on Entomology, organized by the Department of Zoology & environmental Sciences, Punjabi University, Patiala from February 17-19, 2012
9. Selected and invited as one of the 100 entomologists of the world to attend 2nd International symposium on Insect Bio – Industry: achievements & Challenge organized by Institute of plant medicine, Kyungpook National University, Daegu, Korea to be held in Yecheon Country, Korea from August 17-19, 2012.
10. As Organizing Secretary, organized one day programme on Earth Day on April 22, 2015 in ZSI, GPRC, Patna.
11. As Organizing Secretary, organized golden jubilee Seminar on ‘Faunal Diversity of Bihar and Jharkhand’ at Zoological Survey of India, GPRC, Patna on 30th December, 2015.
12. As Organizing Secretary, organized a centenary seminar on faunal ‘Diversity of Gangetic Plains Ecosystems’ from 22nd – 23rd February, 2016 at Zoological Survey of India, GPRC, Patna.
13. Uttar Pradesh Journal of Zoology, 35 (3), 2015 conferred the honor of ‘Zoologist of Repute’ to the undersigned.
14. Co - Chaired a scientific session in an International conference on Entomology, organized by the Department of Zoology & environmental Sciences, Punjabi University, Patiala from December 3-5, 2016.

HIGHLIGHTS OF RESEARCH

New Genera Described	: 10
New Subgenera	: 04
New Species Described	: 95
New records of genera from India	: 13
New records of species from India	: 49
Redescription genera	: 12
Redescription of species	: 01
Synonymised	: 01 genus & 02 species
Resurrected	: 04 genera
New combinations	: 33
Resurrection of old combinations	: 17

RESEARCH PAPERS/PUBLICATIONS	:	160
Book Published/Edited	:	05
Research papers published in National /International journals	:	103
Popular Article	:	02
Abstract published	:	51

Details of Books Published: 04

1. Singh, J., Singh, N. & Joshi, R. (2014) A checklist of subfamily Arctiinae (Erebidae: Noctuoidea: Lepidoptera) from India. *Records of Zoological Survey of India, Occasional Paper no, 367*: 1-76 (Published by Director, Zoological Survey of India)

2. Sharma, G. & Singh, N. (2015) (Ed.) Golden Jubilee souvenir on faunal Diversity of Bihar & Jharkhand. Published by Zoological Survey of India, GPRC, Patna.
3. Kirti, J.S. & Singh, N. (2015) *Arctiid Moths of India*, Volume-1. Nature Books India, 6 Gandhi Market, Minto Road, New Delhi. Pp: 1-205.
4. Kirti, J.S. & Singh, N. (2016) *Arctiid Moths of India*, Volume-2. Nature Books India, 6 Gandhi Market, Minto Road, New Delhi. Pp: 1-214.
5. Chandra, K., Kumar, V., Singh, N., Raha, A. and Sanyal, A.K. 2019. *Assemblages of Lepidoptera in Indian Himalaya through Long term Monitoring Plots*: 1-457. (Published by the Director, Zool. Surv. India, Kolkata)

Details of Research Papers Published: 103

1. Kirti J.S. and Gill N.S. (2004) Revalidation and recharacterization of genus *Pramadea* Moore (Pyraustinae: Pyralidae: Lepidoptera). *Journal of Entomological Research*, 28(3): 179-186.
2. Kirti J.S. and Gill N.S. (2005) Taxonomic studies on Indian species of genus *Maruca* Walker (Lepidoptera: Pyralidae: Pyraustinae). *Zoos' Print Journal*, 20(7): 1930-1931 (Coimbatore, India)
3. Kirti J.S. and Gill N.S. (2005) Taxonomic studies on genus *Ulopeza* Zeller (Pyraustinae: Pyralidae: Lepidoptera). *Uttar Pradesh Journal of Zoology*, 25(3): 257-260.
4. Kirti J.S., Sodhi J.S. and Gill N.S. (2005) Inventory of Arctiidae of North-Eastern India (Arctiidae: Lepidoptera). *Journal of Entomological Research*, 29(3): 243-249. (New Delhi, India)
5. Kirti J.S. and Gill N.S. (2005) Placement of species *Crocidophora pallida* Moore under genus *Thliptoceras* Swinhoe (Pyraustinae: Pyralidae: Lepidoptera). *Indian Journal of Entomology*, 67 (4): 312-315. (New Delhi, India)
6. Kirti J.S. and Gill N.S. (2007) Revival of genus *Patania* Moore and reporting of a new species *menoni* (Pyraustinae: Pyralidae: Lepidoptera). *Journal of Entomological Research*, 31 (3): 265-275.
7. Kirti J.S., Sodhi J.S. and Gill N.S. (2007) Three hour catch of Arctiid moths at Jatinga village of North Cachar Hills, Assam. *Bionotes*, 9 (3): 94.
8. Kirti J.S. and Gill N.S. (2008) External male genitalic structures of a moth *Eressa aperiens* (Lepidoptera: Arctiidae). *Bionotes*, 10 (1): 23-24.
9. Kirti J.S. and Gill N.S. (2008) Redescription of the genus *Costarcha* Hampson (Lepidoptera: Arctiidae: Lithosiinae). *Acta Zoologica Cracoviensia*, 51 B (1-2): 145-148. (Poland)
10. Kirti J.S. and Gill N.S. (2008) A new genus and two new species of Lithosiinae (Lepidoptera: Arctiidae) from India. *Oriental Insects*, 42: 359-365. (Florida, USA)
11. Kirti J.S. and Gill N.S. (2008) Two new species of *Schistophleps* Hampson (Lepidoptera: Arctiidae: Lithosiinae) from India. *Oriental Insects*, 42: 379-384. (Florida, USA)
12. Kirti J.S. and Gill N.S. (2008) First record of genus *Satara* Walker (Lepidoptera: Arctiidae: Arctiinae) and reporting of a new species from India. *Tinea*. 20 (3): 159-162. (Japan)
13. Kirti J.S. and Gill N.S. (2008) Revival and recharacterization of genus *Thyrgorina* Walker (Lepidoptera: Arctiidae: Arctiinae) and taxonomic studies on four Indian species of this genus from Western Ghats of India. *Entomon*, 31 (1): 53-64. (Thiruvananthapuram, India)
14. Kirti J.S. and Gill N.S. (2008) Taxonomic studies on three Indian species of genus *Amata* Fabricius (Ctenuchinae: Arctiidae: Lepidoptera) with special reference of their external male genitalic structures. *Journal of Entomological Research*, 32 (4): 339-344. (New Delhi, India)
15. Kirti J.S. and Gill N.S. (2009) Two new species of *Garudinia* Moore (Lepidoptera: Arctiidae: Lithosiinae) from India. *Journal of Asia - Pacific Entomology*. 12: 9-13. (Korea)

16. Kirti J.S. and Gill N.S. (2009) Description of four new species under genus *Lyclene* Moore (Lepidoptera: Arctiidae: Lithosiinae) from India. *Acta Zoologica cracoviensia*. 52 B (1-2): 109-118. (Poland)
17. Kirti J.S., Sodhi J.S. and Gill N.S. (2009) Studies on male and female genitalia of eight species of genus *Lamprosema* Hubner (Pyraustiinae: Pyralidae: Lepidoptera) from India. *Journal of Insect Sciences*, 22 (1): 68-79. (Ludhiana, India)
18. Kirti J.S. and Gill N.S. (2010) Studies on external genitalia of seven Indian species of the genus *Spilarctia* Butler (Lepidoptera: Arctiidae: Arctiinae) along with the description of a new species. *Journal of threatened taxa*, 2(6):948-960. (Coimbatore, India)
19. Kirti J.S. and Gill N.S. (2010) Morphotaxonomy of eight species of genus *Lyclene* Moore (Lepidoptera: Arctiidae: Lithosiinae) from India. *Proceedings of National Academy of Sciences, India*. Section - B, 80(3): 235-249
20. Kirti, J.S., Gill, N.S & Joshi, R. (2010) Recharacterization of genus *Cyclomilta* Hampson (Lepidoptera: Arctiidae). *Annals of Entomology* 28 (1): 9-11.
21. Kirti, J.S. & Gill, N.S (2010) Systematics of Indian Arctiidae (Lepidoptera: Insecta), Pp 161-179. In: Kirti, J.S. & Kumar, A. (eds). *Advances in Entomology; Proceeding of International Conference on Entomology held at Department of Zoology, Punjabi University, Patiala, Punjab*, Published by: Kanishka Publishers, New Delhi.
22. Kirti J.S. and Gill N.S. (2010) Recharacterization of genus *Nepita* Moore (Lepidoptera: Arctiidae: Arctiinae). *Entomon* 35 (2): 105-109. (Thiruvananthapuram, India)
23. Singh, N. & Singh, J. (2011) Resurrection of genus *Coleta* Roepke (Lepidoptera: Arctiidae). *Bionotes* 13 (4): 157- 158. (Aligarh: India)
24. Singh, N. & Singh, J. (2011) Redescription of *Paraplastis hamponi* Swinhoe (Lepidoptera: Arctiidae). *Tinea* 21 (5): 241-244 (Japan)
25. Singh, N. & Singh, J. (2012) Genitalic studies of *Amerila eugenia* (Fabricius) (Lepidoptera: Arctiidae) from Karnataka, India. *Journal of threatened taxa*, 4(2):2398-2401(Coimbatore, India)
26. Singh, J., Singh, N., Sharma, K & Joshi, R. (2012) Morphotaxonomy of nine species of genus *Lyclene* Moore (Lepidoptera: Arctiidae: Lithosiinae) from India. *Proceedings of National Academy of Sciences, India Section B: Biological Sciences DOI 10.1007/s40011-012-0070-9*. (Print version: 2013: 83 (1): 31-46.
27. Singh, N. (2012) Noctuid moth diversity of the Valmiki Tiger Reserve, Bihar. *Bionotes* 15(1): 21
28. Singh, N., Singh, J., (2012) New records of two species of family Arctiidae (Lepidoptera) from Western Ghats of India. *Records of Zoological Survey of India*, 112 (3): 25-26.
29. Kirti, J.S., Joshi, R. & Singh, N. (2013) A new species of genus *Cyana* Walker (Lepidoptera: Arctiidae: Lithosiinae) from India. *Journal of Chemical, Biological and Physical Sciences* 3(2): 1301-1310.
30. Kirti, J.S., Joshi, R. & Singh, N. (2013) First record of the genus *Disasuridia* Fang (Lepidoptera: Erebidae: Arctiinae) from India with the description of a new species. *Tinea* 22 (4): 269-271.
31. Singh, N. & Singh, J. (2013) Review of genus *Olepa* Watson (Lepidoptera: Erebidae: Arctiinae). *Tinea* 22 (4): 272-277.
32. Kirti, J.S., Singh, N. & Joshi, R (2013) First record of the genus *Conilepia* Hampson (Lepidoptera: Erebidae: Arctiinae) from India with description of a new species. *Deutsche Entomologische Zeitschrift* 60 (2): 231-234
33. Kirti, J.S., Joshi, R. & Singh, N. (2013) Diversity of Lithosiin Moths (Lepidoptera: Erebidae: Arctiinae) from India. *Proceedings of the National Conference on Insect diversity and systematics: Special emphasis on molecular approaches* by Department of Zoology, Aligarh Muslim University, Aligarh. Pp: 33-36.
34. Singh, N. & Singh J. (2013) New record of a genus and four species of family Arctiidae (Insecta: Lepidoptera) from India. *Records of Zoological Survey of India* 113 (1): 137-140.
35. Kirti, J.S., Joshi, R. and Singh, N. (2013) Taxonomic studies and new faunistic records of two species of the genus *Stictane* Hampson (Lepidoptera: Erebidae: Arctiinae) from India. *Acta Zoologica Cracoviensia* 56 (1): 1-7.

36. Singh, N., Singh, J. and Joshi, R. (2013). First report of *Macotasa tortricoides* (Walker) (Arctiidae: Lithosiinae) from India along with a key to species of the genus. *Journal of Entomological Research* 37 (4): 369-373.
37. Kirti, J.S., Joshi, R. and Singh, N. (2013) Taxonomic studies on four species of *Amata* Fabricius (Lepidoptera: Arctiidae: Syntominiinae) from India with special reference to their external genitalia. *Journal of Entomological Research* 37 (4): 375-381.
38. Singh, N., Singh, J. and Joshi, R. (2014). Studies on External genitalia of *Diduga albicosta* Hampson (Lepidoptera: Arctiidae: Lithosiinae). *Bionotes* 16 (1): 18-19.
39. Singh, N. and Ranjan, R. (2014) Diversity of family Noctuidae (Lepidoptera) from Palamu Tiger Reserve, Jharkhand. *Bionotes* 16 (1): 28.
40. Kirti, J.S., Singh, N. and Joshi, R. (2014) Taxonomic studies on three *Caeneressa* species (Lepidoptera: Syntominiinae) from India with special reference to their external genitalia. *Animal Systematics, Evolution and Diversity* 30 (1): 33-38.
41. Kirti, J.S., Singh, N. and Joshi, R. (2014) A new species of genus *Capissa* Moore (Lepidoptera: Erebidae: Arctiinae) from India. *Annales Zoologici* 64 (1): 45-49.
42. Kirti, J.S., Singh, N. and Saxena, A. (2014). External male and female genitalia of the moth *Tanaoctenia haliaria* (Lepidoptera: Geometridae). *Bionotes* 16 (3): 88-89.
43. Kirti, J.S., Singh, N. and Joshi, R. (2014). Two new genera of Lithosiini (Lepidoptera: Erebidae: Arctiinae). *Tinea* 23 (1): 41-46.
44. Singh, N. and Kirti, J.S. (2014). A new species of *Oeonistis* Hübner from India (Lepidoptera: Erebidae: Arctiinae) with a key to known species of the genus. *Journal of Entomological Research*, 38 (3): 227-230.
45. Kirti, J.S., Joshi, R. and Singh, N. (2014) First record of the genus *Neoduma* Hampson (Lepidoptera: Erebidae: Arctiinae) from India with the description of a new species. *Journal of Threatened Taxa* 6 (12): 6568-6570. DOI: <http://dx.doi.org/10.11609/JoTT.o3587.6568-70>.
46. Kirti, J.S. and Singh, N. (2013) Studies on external genitalia of *Mangina syringa* (Cramer) (Lepidoptera: Erebidae: Arctiinae). *Entomon* 38 (2): 59-64
47. Kirti, J.S., Saxena, A. and Singh, N. (2013) An unusual aberration of the hindwing veins in *Luxiaria amasa* (Butler) (Lepidoptera: Geometridae: Ennominae) with a note on female external genitalia. *Entomon* 38 (2): 115-118.
48. Kirti, J.S., Singh, H. & Singh, N. (2014). Genitalic studies on three species of genus *Phlogophora* Treitschke (Lepidoptera: Noctuidae: Hadeninae). *International Journal of Current Research and Academic Review* 2(12): 42-46.
49. Kirti, J.S., Singh, H. & Singh, N. (2014) Recharacterization of genus *Ochrotrigona* Hampson (Noctuidae: Lepidoptera). *Journal of Chemical, Biological & Physical Sciences* 5(1):498-500.
50. Kirti, J.S., Singh, H. & Singh, N. (2014) New records of three species of Nolidae (Lepidoptera: Noctuoidea) from India. *International Journal of Fauna & Biological Studies* 1(6):131-134.
51. Kirti, J.S., Singh, H. & Singh, N. (2014) Morphotaxonomy of two species of genus *Sarbanissa* Walker (Noctuidae: Lepidoptera). *Journal of Entomological Research*. 38 (4): 319-322
52. Kirti, J.S., Joshi, R. and Singh, N. (2014). A new species of genus *Teulisna* Walker (Lepidoptera: Erebidae: Arctiinae) from India. *Acta zoologica Cracoviencia* 57 (1-2): 11-19.
53. Kirti, J.S., Singh, N. and Singh, H. (2014). Redescription of genus *Tycracona* Moore (Noctuidae: Lepidoptera) *Journal of Global Biosciences* 3(7): 1102-1104.
54. Kirti, J.S., Singh, N. and Saxena, A. (2014). Seven new records of Geometrid moths (Lepidoptera: Geometridae) from India. *Journal of Applied Biosciences* 40 (2): 113-116.
55. Kirti, J.S., Saxena, A. and Singh, N. (2014). Taxonomic studies on three species of genus *Sarcinodes* Guenée (Lepidoptera: Geometridae: Oenochrominae). *Journal of Entomological Research* 38 (4): 323-324.

56. Kirti, J.S., Saxena, A. & Singh, N. (2014). Redescription of the genus *Vindusara* Moore (Lepidoptera: Geometridae: Ennominae) *North Bengal University Journal of Animal Sciences* 8:1-3
57. Kirti, J.S., Singh, H. & Singh, N. (2014). Redescription of the genus *Cyclodes* Guénee (Noctuidae: Lepidoptera). *North Bengal University Journal of Animal Sciences* 8: 5-7
58. Kirti, J.S., Singh, N. & Singh, H. (2014) *Lophoptera hypenistis* (Hampson) (Lepidoptera: Euteliidae) from Mizoram, a new record to India. *National Journal of Life Sciences* 11 (1): 57-58.
59. Kirti, J.S., Singh, N. and Saxena, A. (2014). Genitalic studies on two species of genus *Arichanna* Moore (Lepidoptera: Geometridae: Ennominae). *National Journal of Life Sciences* 11 (2): 151-153.
60. Joshi, R., Kirti, J.S. and Singh, N. (2014) Diversity of Lithosiin moths (Lepidoptera: Erebidae: Arctiinae) and new faunistic records. *Proceedings of a conference on Exploring Basic & Applied Sciences for Next Generation Frontiers* held at Lovely Professional University, from November 14-15, 2014.
61. Joshi, R., Kirti, J.S. and Singh, N. (2015) Two new species of genus *Zadadra* Moore (Lepidoptera: Erebidae: Arctiinae) from India. *Florida Entomologist* 98 (2): 536-540.
62. Joshi, R., Kirti, J.S. and Singh, N. (2015) First record of genus *Cernyia* Bucsek (Lepidoptera: Erebidae: Arctiinae) from India. *Uttar Pradesh J. Zool.* 35(1): 33-35.
63. Kirti, J.S., Singh, N. and Singh, H. (2015) Three new records of family Noctuidae (Lepidoptera: Noctuoidea) from India. *Prommalia*, 3: 100-104.
64. Singh, N. and Ranjan, R. (2015). Redescription of genus *Tocolosida* Walker (Pyrulinae: Pyralidae: Lepidoptera). *Uttar Pradesh Journal of Zoology*, 35 (3): 225-226.
65. Kirti, J.S., Singh, N. and Saxena, A. (2016) Genus *Achrosis* Guenée (Lepidoptera: Geometridae) from North East India. *Indian Journal of Entomology*, 78(1): 61-64. DOI No. 10.5958/0974-8172.2016.00012.2
66. Joshi, R., Kirti, J.S. and Singh, N. (2016) A new species of genus *Gampola* Moore (Erebidae: Arctiinae: Lithosiini) from India. *Tinea* 23 (4): 220-223.
67. Singh, N. & Ranjan, R. (2015) Redescription of genus *Arctioleptis* Felder & Felder (Pyrulinae: Pyralidae: Lepidoptera). *National Journal of Life sciences*, 12 (2): 185-186.
68. Kirti, J.S., Singh, H. and Singh, N. (2016) Redescription of species of the genus *Nacna* Fletcher (Lepidoptera: Noctuidae). *Indian Journal of Entomology*, 78(2): 181-183.
69. Singh, N. & Ranjan, R. (2016) Morphotaxonomy of three species of Genus *Bostra* Walker (Lepidoptera: Pyralidae: Pyralinae). *Journal of Entomological Research*, 40 (3): 303-305. DOI : 10.5958/0974-4576.2016.00054.2
70. Singh, N. & Ranjan, R. (2016) Unusual sex ratio of *Vitessa suradeva* Moore (Pyrulinae: Pyralidae: Lepidoptera) attracted to light traps. *Entomon*, 41(3) : 247-248
71. Joshi, R., Kirti, J.S. and Singh, N. (2016) A new species of *Nishada* Moore, 1878 (Lepidoptera: Erebidae: Arctiinae) from India. *Zootaxa* 4179 (1): 128–132.
<http://doi.org/10.11646/zootaxa.4179.1.10>
72. Singh, N. & Singh, M. (2016). *Butterflies and Moths- Flying Pollinators*. Pp: 27-31. In Nigam, B.C., Kumar, D. and Kumar, S. (Eds.) A window to the Biodiversity of Jharkhand. Pp: 1-171. Published by Department of Forests, Environment & Climate Change, Government of Bihar.
73. Kirti, J.S., Singh, N., and Singh, H. (2016). Inventory of subfamily Pyraustinae (Crambidae: Lepidoptera) from Sikkim. *Journal of Entomology & Zoology Studies*, 4 (6): 700-705.
74. Singh, N. & Ranjan, R. (2016) Additions to the moth fauna of Dalma Wildlife Sanctuary, Jharkhand (India). *Rec. Zool. Surv. India* : 116 (4) : 323-336.
75. Kirti, J.S., Singh, N. & Singh, H. (2016) Studies on male genitalia of *Nevrina procopia* (Stoll) (Pyraustinae: Crambidae: Lepidoptera). *Journal of Chemical, Biological and Physical Sciences*, 7(1): 149-152

76. Joshi, R., Singh, N., Kirti, J.S., Volynkin, A.V. & Bucsek, K. (2017). Two new species of *Mitochondria* from India (Lepidoptera, Erebidae, Arctiinae). *Zootaxa* 4238 (3): 445–450.
77. Singh, N. & Ahmad, J. (2017). A preliminary list of Lepidopteran insects from Palkot Wildlife Sanctuary, Jharkhand. *Journal of Entomology & Zoology Studies* 5(3): 654-661.
78. Singh, N. (2017) *Lepidoptera*. Pp: 457-465. In: Chandra, K., Gopi, K.C., Rao, D.V., Valarmathi, K. & Alfred, J.R.B. (Ed.) (2017). Current Status of Fresh water Faunal Diversity in India. Pp: 1-624 (Published by the Director, *Zoological Survey of India*, Kolkata).
79. Kirti, J.S., Singh, N. & Singh, H. (2017) Eight new records of the family Erebidae (Lepidoptera: Noctuoidea) from India. *Journal of Threatened Taxa*, 9 (7): 10480-10486.
80. Singh, N., Ahmad, J. & Joshi, R. (2017). An inventory of moths (Lepidoptera) from Topchanchi wildlife sanctuary, Jharkhand. *Journal of Entomology & Zoology Studies*, 5(4): 1456-1466
81. Singh, N., Joshi, R. & Ranjan, R. (2017) A new species of *Microlithosia* Daniel, 1954 from India (Lepidoptera, Erebidae, Arctiinae). *Zootaxa*, 4319 (2): 383–385
82. Singh, N., Joshi, R., Kirti, J.S. & Volynkin, A.V. (2017) A new species of *Thysanoptyx* Hampson, 1894 from India (Lepidoptera: Erebidae: Arctiinae). *Zootaxa* 4319 (2): 375–378
83. Singh, N. & Ranjan, R. (2018) A new species of *Orybina* Snellen, 1895 from India (Lepidoptera, Pyralidae, Pyralinae). *Zootaxa* 4392 (3): 595–597
84. Singh, N., Ahmad, J. & Joshi, R. (2018) Diversity of moths (Lepidoptera) with new faunistic records from North East Jharkhand, India. *Rec. zool. Surv. India*, 117(4): 326-340
85. Singh, N., Ahmad, J. & Joshi, R. (2018). Moth (Lepidoptera) diversity of district Koderma, Jharkhand. *Journal of Entomology & Zoology Studies*, 6 (2): 1253-1263.
86. Joshi, R., Singh, N. & Kirti, J.S. (2018) Description of a new *Katha* species from India, with a key to the Oriental species (Lepidoptera, Erebidae, Arctiinae). *Zootaxa* 4407 (3): 435–442.
87. Joshi, R., Singh, N. & Volynkin, A.V. (2018) New data on genus *Barsine* Walker, 1854 from India, with description of a new species (Lepidoptera: Erebidae: Arctiinae: Lithosiini). *Zootaxa* 4425 (3): 456–470.
88. Singh, N., Joshi, R. and Ahmad, J. (2018). New Records of *Bastilla angularis* (Boisduval, 1883) (Lepidoptera: Erebidae) from Oriental region. *Rec. zool. Surv. India*, 118 (4): 440-442.
89. Singh, N., Joshi, R., & Ahmad, J. (2018) A new species of genus *Neoaloe* Singh & Kirti, 2015 from Bihar, India (Lepidoptera: Erebidae: Arctiinae: Arctiini). *Zootaxa*, 4486 (2): 189-194.
90. Singh, N., Joshi, R. and Ahmad, J. (2018). Two new records of Lithosiinae from India. *Entomon* 43 (2): 95:98.
91. Singh, N. (2019) Pollination by Lepidoptera: a brief review with introductory updates from Indian Himalayas. *Envis Newsletter*, 25 (1-4): 37-39.
92. Singh, N., Bhattacharyya, K., Volynkin, A.V. & Chandra, K. (2019) A new species of genus *Cyana* Walker, 1854 (Lepidoptera: Erebidae: Arctiinae). *Zootaxa*, 4603 (2): 365–376.
93. Singh, N., Kirti, J.S. & Datta, H. 2019. Establishment of a new genus *Parvispina* for an undescribed Lithosiini species of *Asura/Mitochondria* generic complex (Lepidoptera: Erebidae: Arctiinae). *Zootaxa* 4686 (1): 145–150.
94. Joshi, R., Singh, N. & Laszlo, G.M., (2019) An updated checklist of subfamily Nolinae (Nolidae: Lepidoptera) from India. *Rec. zool. Surv. India*, 119 (3): 263-281
95. Singh, N., Kirti, J.S., Singh, H. & Ranjan, R. (2019). Two new genera for the *Botyodes* species complex (Lepidoptera: Pyraloidea: Crambidae). *Zootaxa* 4623 (2): 387–395.
96. Chandra, K., Singh, N., Kumar, V., Ranjan, R., Caleb, J.T.B., Gayen, S., Das, M. & Dey, R. (2019) The genus *Mustilizans* Yang, 1995 (Lepidoptera: Endromidae) in India with the description of a new species. *Zootaxa* 4624 (2): 183–190.

97. Singh, N., Kirti, J.S., Datta. H.S. (2019) Reporting of a new population variant of *Cyana peregrina* Walker (Lepidoptera, Erebidae, Arctiinae, Lithosiini). *Jour. Ent. Res.* 43 (2): 195- 198.
98. Singh, N., Kirti, J.S., Chandra, K., Singh, H. & Ranjan, R. (2019) On the taxonomy of the genus *Neadeloides* Klima, 1939 (Crambidae: Pyraustinae) with description of a new species from India. *Zootaxa* 4664 (2): 285–292.
99. Singh, N., Chandra, K., Kirti, J.S. & Ranjan, R. (2019) A new species of the genus *Toccolosida* Walker, 1863 from India (Lepidoptera: Pyralidae: Pyralinae). *Zootaxa* 4656 (1): 189–192.
100. Singh, N., Ahmad, J., Kaustubh, K. & Joshi, R. (2019) New distributional records of *Eudocima* Billberg, 1820 (Lepidoptera : Erebidae : Calpinae) from Gangetic Plains (India). *Rec. zool. Surv. India*, 119 (3): 238-245
101. Singh, N., Pathania, P.C., Das, A., Majumder, A., Sood, R. (2019) Insecta: Lepidoptera: Heterocera (Moths). In Fauna of Punjab, State Fauna series, 23: 307-355, Published by Director, Zoological Survey of India.
102. Singh, N., Kirti, J.S., Datta, H. S., Joshi, R. & Volynkin, A.V. (2019) A review of the genus *Dolgoma* Moore from India, with notes on the genus taxonomy and descriptions of a new genus, four new species and a new subspecies (Lepidoptera, Erebidae, Arctiinae, Lithosiini). *Zootaxa*, 4683 (1): 033–054.
103. R. V. Yakovlev & N. Singh (2019) *Aholcocerus arorai* Yakovlev & Singh, sp. n. - new species of Cossidae from Nicobar Islands (India) with world catalogue of the genus (Lepidoptera: Cossidae). *SHILAP Revta. Lepid.* 47 (187) Septiembre 2019: 501-505.

Popular Article published: 02

1. Singh, N & Duggal, G (2012) '*Kirian da ajab sansaar*' (in Punjabi). *Nirantar Soch* 15 (6): 26-27. (Nirantar Soch is published by Punjab State Council for Science & Technology, Chandigarh).
2. Singh, N. (2015) '*Keet evem Inka Mahatav*' (In Hindi). In, Sharma, G. & Singh, N. (2015) (Ed.) Golden Jubilee souvenir on faunal Diversity of Bihar & Jharkhand. Published by Zoological Survey of India, GPRC, Patna.

Details of abstracts contributed: 51

1. **2005.** Taxonomic studies on some species of sub-family Anopheline from North India. 7th International Symposium on Vectors & Vector Borne Diseases held at Department of Zoology, Punjabi University, Patiala from February 18-20, Ab No. 61: pp 50.
2. **2006.** Diversity of Arctiid moths from North-East India and Western Ghats. International conference on biodiversity of insects: challenging issues in management and conservation held at Department of Zoology, Bharathiar University, Tamil Nadu from January 30 – Feb. 3, 2006. Ab. No. 20: pp 15
3. **2006.** Taxonomic studies on family Arctiidae from Nilgiri Biosphere Reserve. 9th Punjab Science Congress held at G.N.D. Dental College & Research Institute, Sunam from February 7-9, 2006, Ab No. A-19: pp 9.
4. **2007.** Studies on internal reproductive organs of some Indian species of genus *Chionaema* Herrich-Schaffer (Arctiidae: Lepidoptera) and their taxonomic importance. 3rd National workshop on reorientation in life sciences held at Dolphin (P.G.) college of life sciences, Chunni Kalan from January 20-21, 2007, Ab No. 26 : pp 56
5. **2007.** Significance of Taxonomy in Biodiversity. 1st Conference on Medical arthropodology held at Centre for research in medical Entomology, Madurai from September 1-2, 2007. Ab. No. 9; pp: 21.
6. **2008.** Environmental degradation and human health. National seminar on technical advances in environment management and applied Zoology held at Department of Zoology, Kurukshetra University, Kurukshetra from January 23-25, 2008. Ab. No. 85 ; pp : 94

7. **2008.** Taxonomic studies on subfamily Arctiinae (Arctiidae: Lepidoptera) with special reference to external genitalic structures. 11th Punjab science congress held at Thapar Institute, Patiala from February 7-9, 2008. Ab. No. - YSA - A12; pp; 149.
8. **2008.** Traditional taxonomy: An important tool for inventorying and monitoring the insect biodiversity. 2nd congress on Insect science held at Department of Entomology, Punjab Agriculture University, Ludhiana from February 21-22, 2008. pp : 253
9. **2008.** Diversity of Arctiid moths from the district Dangs of Gujarat state. 2nd congress on Insect science held at Department of Entomology, Punjab Agriculture University, Ludhiana from February 21-22, 2008. pp: 252
10. **2009.** An Introduction to subfamily Ctenuchinae (Lepidoptera: Arctiidae). 1st Annual conference on Recent Advances in Chemical and Environmental Sciences held at M.M. Modi College, Patiala from January 16-17. pp.111
11. **2009.** Diversity of subfamily Lithosiinae from Western Ghats of Tamil Nadu and Kerala State. International Conference on Entomology held at Department of Zoology, Punjabi University, Patiala from February 20-22, 2009. Ab. No. O-66, pp.99
12. **2009.** Relevance of external genitalic attributes in the revival of genus Rajendra Moore (Arctiinae: Arctiidae) from the synonymy of genus *Estigmene* Hübner. International Conference on Entomology held at Department of Zoology, Punjabi University, Patiala from February 20-22, 2009. Ab. No. O-65, pp.98
13. **2009.** Taxonomic studies on Indian Lithosiinae (Arctiidae: Lepidoptera). International Conference on Entomology held at Department of Zoology, Punjabi University, Patiala from February 20-22, 2009. Ab. No. O-64, pp.97
14. **2010.** Western Ghats: Hot biodiversity spot for the collection of Arctiid moths. 2nd National conference on Recent advances in chemical and environmental sciences, held at M.M. Modi college, Patiala from January 22-23, 2010. pp 173
15. **2010.** Relevance of morphological attributes in Arctiid systematics. 13th Punjab science congress held at Panjab University, Chandigarh from February 7-9, 2010. Ab.No. A2-PO1
16. **2010.** Arctiidae: An agricultural important family of order Lepidoptera. 13th Punjab science congress held at Panjab University, Chandigarh from February 7-9, 2010. Ab. No A2-OR5
17. **2010.** Role of insect taxonomy in insect pest management. National conference on recent advances in Agriculture held at Baba Farid College, Muktsar Road, Bathinda from September 2-3, 2010. Ab. No BFC-ICM-23, pp: 39
18. **2010.** Taxonomic studies on some species of family Noctuidae and Arctiidae (Lepidoptera) from district Hamirpur (H. P) National conference on recent advances in Agriculture held at Baba Farid College, Bathinda from September 2-3, 2010. Ab. No. BFC-ICM-06, pp: 22
19. **2010.** Taxonomy: an important tool for biodiversity conservation. National conference on Environment degradation and its impact on man kind held at Department of Zoology, Punjabi University, Patiala from November 19-20, 2010. Ab.No.
20. **2011.** Significance of external genitalia in sub family Lithosiinae. (Abstract) 3rd Congress on insect science held at Punjab Agriculture University, Ludhiana from April 18-20, 2011. Pp 20
21. **2011.** Biodiversity: inextricably linked to human welfare. UGC-CAS sponsored conference on redefining approaches to address current issues for sustainable biodiversity held at Department of Zoology, Panjab University Chandigarh from December 2-3, 2011. Ab. No. P 29, pp30
22. **2012.** Stability in classification of family Arctiidae (Lepidoptera) is need of the hour. International conference on Entomology held at Department of Zoology & Environmental sciences, Punjabi University, Patiala from February 17-19, 2012. Ab. TS-8, pp: 174
23. **2012.** Diversity of family Noctuidae (Lepidoptera) from Valmiki Tiger Reserve. International conference on Entomology held at Department of Zoology & Environmental sciences, Punjabi University, Patiala from February 17-19, 2012. Ab. TS-30, pp: 185

24. **2012.** Conducting studies on systematics of Indian Heterocera: an immediate need of the hour. International conference on Entomology held at Department of Zoology & Environmental sciences, Punjabi University, Patiala from February 17-19, 2012. Ab. TS-34, pp: 188
25. **2012.** Lithosiinae diversity in Fambong Lhu wildlife sanctuary of east Sikkim (Lepidoptera: Arctiidae). International conference on Entomology held at Department of Zoology & Environmental sciences, Punjabi University, Patiala from Feb. 17-19, 2012. Ab. TS-41, pp: 192
26. **2012.** Taxonomic studies of family Noctuidae (Lepidoptera) based on external genitalia & wing venation from district Hamirpur of Himachal Pradesh. International conference on Entomology held at Department of Zoology & Environmental sciences, Punjabi University, Patiala from February 17-19, 2012. Ab. TS-7, pp: 174.
27. **2012.** Diversity of subfamily Lithosiinae (Lepidoptera: Arctiidae) from North East India. National conference on man & Environment held at October 15-16, 2012 at Department of Zoology & Environmental Sciences, Punjabi University, Patiala, Pb. P-107.
28. **2012.** Sexual dimorphism in some genera of family Arctiidae (Lepidoptera). National conference on man & Environment held at October 15-16, 2012 at Department of Zoology & Environmental Sciences, Punjabi University, Patiala, Pb. pp-125.
29. **2014.** Diversity of subfamily Pyraustinae (Crambidae: Pyraloidea: Lepidoptera) from North East India. International Conference on Entomology held at Department of Zoology & Environmental sciences, Punjabi University, Patiala from February 21-23, 2014. Pp: 276
30. **2014.** Diversity of Erebidae (Noctuoidea: Lepidoptera) from Dalma Wild Life Sanctuary. International Conference on Entomology held at Department of Zoology & Environmental sciences, Punjabi University, Patiala from February 21-23, 2014. Pp 280
31. **2014.** A preliminary study on the diversity of subfamily Pyralinae (Pyralidae: Lepidoptera) from North East India. International Conference on Entomology held at Department of Zoology & Environmental sciences, Punjabi University, Patiala from February 21-23, 2014. Pp: 281
32. **2014.** *Diversity of family Pyralidae (Lepidoptera) from North East Himalayas.* International conference on faunal biodiversity and their conservational strategies' held at Department of Zoology, Lucknow University, Lucknow from March 22-23.
33. **2014.** *Insect diversity and Agriculture: an inextricable linkage.* Proceedings of UGC sponsored National Seminar on 'Agro biodiversity: Erosion and conservation' organized by PG Department of Zoology, Jagdam College, Chhapra from July, 21-22, 2014. Pp: 20.
34. **2015.** *Entomology-A Service to mankind.* National Seminar on Bioscience for the Welfare of Mankind held at Patna University, Patna from March 14-15, 2015. Pp.54.
35. **2015.** *Genitalic studies on Lithosiin moths (Lepidoptera: Erebidae: Arctiinae) from India.* '4th Congress on Insect science' held at Department of Entomology, Punjab Agriculture University, Ludhiana from April 16-17, 2015. Pp. 21
36. **2015.** *Pyraustinae diversity from two biodiverse hot spots from India.* '4th Congress on Insect science' held at Department of Entomology, Punjab Agriculture University, Ludhiana from April 16-17, 2015. Pp. 135.
37. **2015.** *Diversity of family Pyralidae (Lepidoptera) from Western Ghats of Karnataka & Kerala.* '4th Congress on Insect science' held at Department of Entomology, Punjab Agriculture University, Ludhiana from April 16-17, 2015. Pp. 147
38. **2015.** *Taxonomic studies on subfamily Pyraustinae (Crambidae: Lepidoptera) from Western Ghats of India.* National Conference on Entomology held at Department of Zoology & Environmental sciences, Punjabi University, Patiala from October 29-30, 2015. Ab. no. TS-19, Pp: 96.
39. **2015.** *An under-appreciated aspect of moths.* National Conference on Entomology held at Department of Zoology & Environmental sciences, Punjabi University, Patiala from October 29-30, 2015. Ab. no. TS-21, Pp: 98.

40. **2015.** *Diversity of subfamily Lithosiinae from Western Ghats and North East India.* National Conference on Entomology held at Department of Zoology & Environmental sciences, Punjabi University, Patiala from October 29-30, 2015. Ab. no. TS-22, Pp: 98.
41. **2015.** *Diversity of subfamily Pyralinae (Pyralidae: Lepidoptera) from Sikkim.* National Conference on Entomology held at Department of Zoology & Environmental sciences, Punjabi University, Patiala from October 29-30, 2015. Ab. no. TS-27, Pp: 102.
42. **2015.** *Systematics of Indian Lithosiinae (Lepidoptera: Erebiidae: Arctiinae) with new faunistic records.* National Conference on Entomology held at Department of Zoology & Environmental sciences, Punjabi University, Patiala from October 29-30, 2015. Ab. no. TS-38, Pp: 111.
43. **2016.** *National Zoological Collections: an asset for the Nation.* Centenary seminar on faunal diversity of Gangetic Plains Ecosystem held at Zoological Survey of India, GPRC, Patna from 22nd to 23rd February, 2016. Pp: 29
44. **2016.** *Preliminary studies on the moth diversity of Palkot Wild Life Sanctuary in Jharkhand.* Centenary seminar on faunal diversity of Gangetic Plains Ecosystem held at Zoological Survey of India, GPRC, Patna from 22nd to 23rd February, 2016.
45. **2016.** *Diversity of superfamily Pyraloidea (Lepidoptera) from Bihar and Jharkhand.* Centenary seminar on faunal diversity of Gangetic Plains Ecosystem held at Zoological Survey of India, GPRC, Patna from 22nd to 23rd February, 2016.
46. **2016.** *Diversity of moths (Lepidoptera) in the Saranda forests of Jharkhand.* Centenary seminar on faunal diversity of Gangetic Plains Ecosystem held at Zoological Survey of India, GPRC, Patna from 22nd to 23rd February, 2016.
47. **2016.** *Lepidopteran Insects of Jharkhand.* International conference on Entomology, organized by the Department of Zoology & environmental Sciences, Punjabi University, Patiala from December 3-5, 2016. Pp: 136.
48. **2016.** *Morphotaxonomy & DNA barcoding of Indian Arctiinae.* International conference on Entomology, organized by the Department of Zoology & environmental Sciences, Punjabi University, Patiala from December 3-5, 2016. Pp: 139.
49. **2016.** *Role of external genitalic attributes in taxonomy of Pyraustinae (Crambidae: Lepidoptera).* International conference on Entomology, organized by the Department of Zoology & environmental Sciences, Punjabi University, Patiala from December 3-5, 2016. Pp: 153.
50. **2016.** *Some observations on the Coleoptera diversity of Shekhawati region (Rajasthan) with respect to the topography and impact of different irrigation methods.* International conference on Entomology, organized by the Department of Zoology & environmental Sciences, Punjabi University, Patiala from December 3-5, 2016. Pp: 166.
51. **2016.** *Diversity of family Pyralidae (Pyraloidea: Lepidoptera) from North East India.* International conference on Entomology, organized by the Department of Zoology & environmental Sciences, Punjabi University, Patiala from December 3-5, 2016. Pp: 167.

LIST OF CONFERENCES / LECTURES / WORKSHOPS ATTENDED

Conferences/Lectures/Workshops attended	:	40
1. Participated in 8th Punjab Science Congress held at Department of Zoology, Punjabi University, Patiala from February 7-9, 2005.		
2. Presented a research paper in 7th International Symposium on Vectors and Vector Borne Diseases, held at Department of Zoology, Punjabi University, Patiala from February 18-20, 2005.		
3. Attended 93rd Indian Science Congress held at Acharya NG Ranga Agricultural University, Hyderabad from January 3-7, 2006.		

4. Presented a research paper in 9th Punjab Science Congress held at S.G.N. Dental College and Research Institute, Sunam from February 7-9, 2006.
5. Attended National Congress of Entomology held at Department of Zoology, Punjabi University, Patiala from March 15-17, 2006.
6. Presented a report on Arctiid diversity of Karnataka state in a meeting organised by Karnataka Forest Department in collaboration with ATREE at B.R. Hills, Chamrajanagar from Dec. 7-8, 2006.
7. Presented a research paper in International Conference on Ants and other Social Hymenoptera held at department of Zoology, Punjabi University, Patiala from October 10-13, 2007.
8. Participated in national Seminar on Water Crisis and Remedial Management held at K.V.A. D.A.V. College for Women, Karnal (Haryana), from November 21-27, 2007.
9. Presented a research paper in National Seminar on Technical Advances in Environment management and applied Zoology held at Department of Zoology, Kurukshetra University Kurukshetra from January 23-25, 2008.
10. Presented a research paper in XI Punjab Science Congress held at Thapar Institute, Patiala from February, 7-9, 2008.
11. Attended IX International conference on Vector and Vector borne diseases held at Puri (orissa) from February 15-17, 2008.
12. Presented a research paper in 2nd congress on insect Science held at Department of Entomology, Punjab Agriculture, Ludhiana from February 21-22, 2008.
13. Acted as a resource person in a workshop/training programme on recent techniques for taxonomic treatment of the order Lepidoptera held at Punjab Agriculture University, Ludhiana from December 15-19, 2008.
14. Participated in 1st Annual Conference on Recent advances in Chemical & Environmental Sciences held at M.M. Modi College, Patiala from January 16-17, 2009.
15. Participated in Regional Seminar on Climate change held at Govt. College, SAS Nagar (Mohali) on February 6, 2009.
16. Acted as Reporteur and Presented a research paper in International Conference on Entomology held at Department of Zoology, Punjabi University, Patiala from February 20-22, 2009.
17. Presented a research paper in 2nd National conference on recent advances in chemical and environmental sciences, held at M.M.Modi College, Patiala from January 22-23, 2010.
18. Organized one week Faculty Development Programme on “Developing Research Skill in Faculty” held at Baba Farid Group of Institution, Muktsar road, Bathinda from July 2-7, 2010.
19. Organized two day Faculty Development Programme on “Office and time management” held at Baba Farid Group of Institution, Muktsar road, Bathinda from July 22-23, 2010.
20. Organized and presented a research paper in “National conference on recent advances in Agriculture” held at Department of Agriculture, Baba Farid College, Muktsar road, Bathinda from September 2-3, 2010.
21. Chaired a session and presented a research paper in a National conference on Environment degradation and its impact on mankind held at Department of Zoology, Punjabi University, Patiala from November 19-20, 2010.
22. Attended and delivered a lecture during Dolphin awareness campaign organized by Department of Environment and Forests, Patna in collaboration with Zoological Survey of India, GPRC Patna at Gai Ghatt, Patna on December 19, 2010.
23. Attended Hindi workshop which was organized by NARAKASH at Income Tax building, Patna on February 2, 2011.
24. Attended lecture on “Distribution and behavioral processes minimize competition in nature” by Prof Meva Singh, Head, Department of Psychology, Mysore university, Mysore. Lecture was organized by Central University of Bihar under university lecture series on March 13, 2011.

25. Attended the subscriber awareness programme (SAPs) on September 23, 2011. The event was organized by Pension Fund Regulatory & Development Authority (PFRDA) to provide guidance about new pension scheme at Industry House, Sinha Library road, Patna.
26. Attended NARAKASH meeting on January 19, 2012.
27. Co - chaired a scientific session and presented oral paper in an International conference on Entomology, organized by the Department of Zoology & environmental Sciences, Punjabi University, Patiala from February 17-19, 2012.
28. Deliberated in 'Dolphin Day' organized by the department of Environment & Forests, Govt. of Bihar on October 05, 2012
29. Deliberated in a Development meet, 2012 organized by CUB, Patna.
30. Deliberated in 'World Biodiversity Day' organized by department of Environment & Forests, Govt. of Bihar on May 22, 2013 at Indira Gandhi Planetarium, Patna.
31. Attended a Group Monitoring Workshop organized by Science and Engineering Research Board (SERB), New Delhi for the monitoring of ongoing/completed young scientist projects. The workshop was held on September 25 & 26, 2014 at GITAM University, Vishakhapatnam.
32. Delivered an invited lecture on '*Insect diversity and Agriculture- an inextricable linkage*' in a UGC sponsored National Seminar on 'Agro biodiversity: Erosion and conservation' organized by PG Department of Zoology, Jagdam College, Chhapra from July, 21-22, 2014.
33. Delivered an invited lecture on '*Entomology - A Service to mankind*' in a National Seminar on Bioscience for the Welfare of Mankind held at Patna University, Patna from March 14-15, 2015.
34. Participated in Bihar Diwas celebrations by exhibiting the importance of National Zoological Collections. The event was organized by Bihar State Government from March 22-24, 2015 at Gandhi Maidan, Patna.
35. As Organizing Secretary, organized one day programme on Earth Day on April 22, 2015 in ZSI, GPRC, Patna.
36. Delivered an invited lecture on '*Entomology and its career prospects*' at University Department of Zoology, B.R.A. Bihar University, Muzaffarpur, Bihar on May 9, 2015.
37. As Organizing Secretary, organized golden jubilee Seminar on Faunal Diversity of Bihar and Jharkhand at Zoological Survey of India, GPRC, Patna on 30th December, 2015.
38. As Organizing Secretary, organized a centenary seminar on faunal Diversity of Gangetic Plains Ecosystems from 22nd – 23rd February, 2016 at Zoological Survey of India, GPRC, Patna.
39. Presented a paper on 'National Zoological Collections: an asset for the Nation' in a centenary seminar on 'Faunal Diversity of Gangetic Plains Ecosystems' from 22nd – 23rd February, 2016 at Zoological Survey of India, GPRC, Patna.
40. Co-chaired a scientific session and presented an oral paper in an International conference on Entomology, organized by the Department of Zoology & environmental Sciences, Punjabi University, Patiala from December 3-5, 2016.

(NAVNEET SINGH)