

Dr. Rahul Joshi, M.Sc., Ph.D.

Scientist C

Zoological Survey of India

Gangetic Plains Regional Centre

Ministry of Environment, Forest & Climate Change (GOI)

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Weblink: <http://scholar.google.co.in/JoshiRahul>www.researchgate.net/profile/RahulJoshi**RESEARCH INTERESTS**

- ❖ Taxonomy & Identification of Insects(Lepidoptera & Diptera)
- ❖ Biodiversity Conservation
- ❖ Zoogeographical affinities among moths
- ❖ Taxonomic revision of Noctuoidea
- ❖ Altitudinal variations among moths
- ❖ Moths as Pollinator and Pollution Indicators

PERSONAL PROFILE:

1.	Date of Birth	16 th December, 1983
2.	Nationality	Indian
3.	Language	English, Hindi, Punjabi
4.	Marital status	Married
5.	Correspondence Address	Scientist C Zoological Survey of India, Gangetic Plains Regional Centre, Bahadurpur Housing Colony, Sector-08, Patna (Bihar). Pincode - 800026
6.	Permanent Address	H.No L-381, Kashmiri Mohalla, Near Baba Moni Mandir, Sujampur-145023, Distt: Pathankot, Punjab.

ACADEMIC QUALIFICATIONS

Degree	Year (Passing)	University	Subjects	Division (%)
Ph.D. Zoology (specialization in Entomology)	2013	Punjabi University Campus, Patiala, Punjab	Title: Taxonomic studies on Indian Lithosiinae and Ctenuchinae (Lepidoptera: Arctiidae).	Degree awarded on July 15th, 2013
Ph.D. Zoology (Course work)	2011	Punjabi University, Patiala, Punjab	Advances in Zoology, Research Techniques & Methodology.	A grade
M.Sc. Zoology (specialization in Entomology)	2008	Punjabi University Campus, Patiala, Punjab	Insect Morphology, Insect Taxonomy, Ecology, Genetics, Classification, Invertebrates, etc.	1st (77.6%)
B.Sc Medical	2006	Guru Nank Dev University, Amritsar	Botany, Zoology, Chemistry, English, Punjabi	1st (69%)

CERTIFICATE COURSE

Successfully completed Off-Campus Outreach Certificate Programme on “**Basics of Remote Sensing, Geographical Information System & Global Navigation Satellite System**” conducted by Indian Institute of Remote Sensing (IIRS), Indian Space Research Organisation, Department of Space, Govt. of India during **August 22, 2016 to November 18, 2016** vide enrolment number EDU182016116931.

INTERNATIONAL COLLABORATIONS

- (1) Nominated as **Senior personnel** to assist in a major collaborative research project entitled, “**Chemical dependency: The evolution of secondary chemical deactivation and sequestration in tiger moths (Lepidoptera: Erebidiae: Arctiinae)**” submitted to National Science Foundation, U.S.A.
- (2) Invited by Dr. Karel Cerny. Austria in collaboration with **Zoologische Staatssammlung München, Germany** to perform taxonomic research on Arctiid moths from December 12-21, 2016.

RESEARCH PROJECT

A major research proposal entitled, “Taxonomic studies on family Nolidae (Lepidoptera) from North East India” has been submitted to DST SERB. (Rs. 45,01,680/- vide EMR/2017/004504)

DETAILS OF EXPERIENCE

1. TEACHING: Three years and seven months (July 15, 2013 – April 10, 2017)

Assistant Professor (Regular) in the Department of Agriculture, Baba Farid College, Bathinda, Punjab.

Subjects taught:

- (i) Basic Zoology
- (ii) Agricultural Entomology
- (iii) Morphology and Anatomy of Insects
- (iv) Biochemistry

2. RESEARCH: (Nine years and six months): (August 01, 2008 – till date)

- (i) Working as **Scientist C** on Lepidoptera of Gangetic Plains/Eastern Ghats in Zoological Survey of India (GPRC, Patna), Ministry of Environment, Forests and Climate Change, New Delhi from April 17, 2017 – till date.
- (ii) Worked on Indian Erebidae (Lepidoptera) while working as Assistant Professor at Baba Farid College, Bathinda, Punjab from August 01, 2013 to April 10, 2017.
- (iii) Worked as **JRF & SRF** in a major research project entitled, “Taxonomic Revision of Indian Arctiidae (Lepidoptera) Part – II” funded by **Department of Science and Technology (DST)**, Govt. of India, New Delhi, (DST letter No. SR/SO/AS-53-2007 dt. 16-05-2008) from August 01, 2008 to January 31, 2012 and as Research Fellow afterwards till May 27, 2013.

WORKSHOPS/TRAININGS ATTENDED

- 1. Attended and participated in two days Workshop on **NTRP, EIS, PFMS module** at **Regional Training Centre, Kolkata** from January 11-12, 2018.
- 2. Attended and participated in a five days Training programme on **Advances in Wildlife Research and Conservation** at **Wildlife Institute of India, Dehradun** from August 10-14, 2017.

3. Participated in two day **Faculty Development Programme** organized by **Baba Farid Group of Institutions** on **Intellectual Property Rights and Patents: Its Academic perspective** from **July 20, 2015 to July 21, 2015**.
4. Successfully completed (**With A grade**) **Special Winter School** of **21 days** organized by **Academic Staff College, Guru Nanak Dev University, Amritsar** from **December 12, 2014 to January 01, 2015**.
5. **Demonstrated and performed** Insect genitalia dissection techniques to participants in **DBT sponsored Workshop on Entomological techniques** held at **DAV College, Jalandhar** on **14th September, 2012**.
6. Worked at **Zoological Survey of India**, Gangetic Plains Regional Centre, Patna, Bihar and worked with **Dr. Navneet Singh**, Scientist-D & renowned Entomologist and Arctiid (Lepidoptera) specialist in India for a period of one month i.e. **from 01-31 May, 2012**.
7. Attended and participated in a fully sponsored one week **National level Hands-on Training Workshop on Principles and Practices of Animal Taxonomy with special reference to Insects** held at **Zoological Survey of India, Western Ghat Regional Centre, Calicut, Kerala** from **27th February – March 3rd, 2012**.
8. Worked with **Dr. Navneet Singh**, Scientist–D (Entomologist) at **Zoological Survey of India (ZSI)**, GPRC, Patna on various aspects of **Entomology/Biosystematics** related to Lepidoptera from **September 19 - October 07, 2011**.

EDITOR/REVIEWER FOR NATIONAL/INTERNATIONAL JOURNALS

1. **Reviewer** for Lepidoptera in *Florida Entomologist*, Published by Florida Entomological Society, U.S.A.
2. **Reviewer** for Arctiinae (Lepidoptera) for *Zootaxa*, published by magnolia press, New Zealand.
3. **Reviewer** for Records Zoological Survey of India, Kolkata
4. **Member**, Editorial board of New Scientist Publisher. (Journal of Biological Records (<http://www.newscientistpublish.com/editorial-board-members/>))
5. **Associate Editor**, International Journal of Agriculture Research and Crop Sciences.

AWARDS / DISTINCTIONS

1. Nominated as Judge in **Regional Level Children Science Congress** to be held at Kendriya Vidhyalya, Kankarbagh, Patna on 30/10/2017 and 31/10/2017.
2. Worked as **Co-ordinator (Research & Development)** at Baba Farid College, Bathinda from December 2013-2015.
3. Selected among **25 young researchers from India** to attend fully sponsored one week **National level Hands on Training Workshop** on Principles and Practices of Animal Taxonomy with special reference to Insects held at **Calicut, Kerala (27th February – March 3rd, 2012)**.
4. Received **Certificate of Appreciation** from **Punjabi University Zoological Society** for taking part in cultural activities during the session 2010-2011.
5. **Distinction in M.Sc. Zoology** with specialization in Entomology.

ASSOCIATION WITH ACADEMIC BODIES

1. **Founder Member**, The Association of Entomologists, India. (2014 Onwards)
2. **Vice-President**, Zoological Society, Department of Zoology, Punjabi University, Patiala, (2010-2011)
3. **Joint Secretary**, Zoological Society, Department of Zoology, Punjabi University, Patiala, (2006-2007)
4. **Member**, Zoological Society, Department of Zoology, Punjabi University, Patiala, (from 2006-2012)

AREAS VISITED AND SURVEYED FOR SCIENTIFIC PURPOSE (With in India)

Various localities of the 23 states have been surveyed for the collection of insect samples and to attend various scientific gatherings:

Nagaland	Mizoram	Kerala
Arunachal Pradesh	Sikkim	Jammu & Kashmir
Tripura	Assam	Himachal Pradesh
Meghalaya	West Bengal	Madhya Pradesh
Tamil Nadu	Karnataka	Uttar Pradesh
Goa	Uttarakhand	Chandigarh
Gujarat	Bihar	Haryana
Delhi	Punjab	

RESEARCH PUBLICATIONS

A. Books.....	01
B. Book Chapters.....	06
C. Research Papers.....	31
D. Abstracts.....	12

(A) BOOK PUBLISHED: 01

1. Kirti, J.S., Singh, N. and **Joshi, R. (2014)**. A Checklist of Subfamily Arctiinae (Erebidae: Noctuoidea: Lepidoptera) from India. *Records of Zoological Survey of India*. Published by Zoological Survey of India, Kolkata. **Pp 76 (ISBN: 978-81-8171-389-6)**

(B) BOOK CHAPTERS: 06

1. **Joshi, R.**, Goyal, T., Saxena, A., Kumar, R & Singh, A **(2017)**. *Classification of Phylum Arthropoda*. Pp : 18-27. In Gatoria, G.S. (Ed.) *Introductory Entomology*, Pp: 1-211. (Published by Unistar Publications, ISBN: 978-93-83437-31-3)
2. Saxena, A., **Joshi, R.**, Kumar, R., Kaur, J. & Reet, V. **(2017)**. *Insect Integument , Body segmentation, Head and its appendages*. Pp : 44-56. In Gatoria, G.S. (Ed.) *Introductory Entomology*. Pp: 1-211. (Published by Unistar Publications, ISBN: 978-93-83437-31-3)
3. Gatoria, G.S., Chandi, A.K., **Joshi, R.**, Saxena, A & Rathor, V.S. **(2017)**. *Insect anatomy: Structure and function of Respiratory, Nervous, Reproductive systems and Sense organs (ii)*. Pp : 113-123. In Gatoria, G.S. (Ed.) *Introductory Entomology*, Pp: 1-211. (Published by Unistar Publications, ISBN: 978-93-83437-31-3)
4. Brar, J.S., **Joshi, R.**, Goyal, T., Gatoria, G.S., & Kumar, R. **(2017)**. *Insect Systematics and Classification: (a) Subclass Apterygota* Pp: 137-147. In Gatoria, G.S. (Ed.) *Introductory Entomology*, Pp: 1-211. (Published by Unistar Publications, ISBN: 978-93-83437-31-3)
5. Gatoria, G.S., Saxena, A., Kumar, R., Goyal, T. & **Joshi, R. (2017)**. *Classification of Insects: (b) Subclass Pterygota, Division Exopterygota*. Pp : 148-170. In Gatoria, G.S. (Ed.) *Introductory Entomology*, Pp: 1-211. (Published by Unistar Publications, ISBN: 978-93-83437-31-3)

6. Chandi, A.K., Brar, J.S., **Joshi, R.**, Saxena, A., Singh, A. (2017). Classification of Insects: (b) Subclass Pterygota, Division Endopterygota. Pp : 173-192. In Gatoria, G.S. (Ed.) *Introductory Entomology*, Pp: 1-211. (Published by Unistar Publications, ISBN: 978-93-83437-31-3)

(C) RESEARCH PAPERS: 31

(i) **International..... 18**

(ii) **National..... 10**

(iii) **Proceedings.....03**

(A) International publications

1. **2018. Joshi, R.**, Singh, N., & Volynkin, A.V. New data on *Barsine* Walker, 1854 from India, with a description of new species (Lepidoptera: Erebidae: Arctiinae). *Zootaxa* (Accepted)
2. **2018. Joshi, R.**, Singh, N. & Kirti, J.S. Description of a new *Katha* species from India, with a key to the Oriental species (Lepidoptera, Erebidae, Arctiinae). *Zootaxa* (Under 2nd Review)
3. **2017. Singh, N. Joshi, R. & Ranjan, R.** A new species of *Microlithosia* Daniel, 1954 from India (Lepidoptera: Erebidae: Arctiinae). *Zootaxa*, 4319 (2): 383-385. (ISSN 1175-5326) Published by Mangolia Press, New Zealand. (**Impact factor: 0.75**). <https://doi.org/10.11646/zootaxa.4319.2.10>
4. **2017. Singh, N., Joshi, R.**, Kirti, J.S. & Volynkin, A.V. A new species of *Thysanoptyx* Hampson, 1894 from India (Lepidoptera: Erebidae: Arctiinae). *Zootaxa*, 4319(2): 375-378. (ISSN 1175-5326) Published by Mangolia Press, New Zealand. (**Impact factor: 0.75**).
<https://doi.org/10.11646/zootaxa.4319.2.8>
5. **2017. Joshi, R.**, Singh, N., Kirti, J.S., Volynkin, A.V., & Bucsek, K. Two new species of *Miltochrista* from India (Lepidoptera, Erebidae, Arctiinae). *Zootaxa*, 4238 (3): 445-450. (ISSN 1175-5326) Published by Mangolia Press, New Zealand. (**Impact factor: 0.75**).
<https://doi.org/10.11646/zootaxa.4238.3.12>
6. **2016. Joshi, R.**, Kirti, J.S. & Singh, N. A new species of genus *Nishada* Moore, 1878 (Lepidoptera: Erebidae: Arctiinae) from India. *Zootaxa*. **4179 (1): 128-132**. (ISSN 1175-5326) Published by Mangolia Press, New Zealand. (**Impact factor: 0.75**). <http://doi.org/10.11646/zootaxa.4179.1.10>

7. **2016. Joshi, R.,** Kirti, J.S. & Singh, N. A new species of genus *Gampola* Moore (Erebidae: Arctiinae: Lithosiini) from India. *Tinea*. **23(4): 220-223** (e ISSN: **0493-3168**) **An International Journal Published by Japan Heterocerists Society.**
8. **2015. Joshi, R.,** Kirti, J.S. & Singh, N. Two new species of genus *Zadadra* Moore (Lepidoptera: Erebidae: Arctiinae) from India. *Florida Entomologist*, 98 (2): 536-540. (ISSN:0015-4040) **Published by Florida Entomological Society, U.S.A. (Impact factor: 1.07) DOI: <http://dx.doi.org/10.1653/024.098.0221>**
9. **2014. Kirti, J.S., Singh, N. and Joshi, R.** A new species of genus *Capissa* Moore (Lepidoptera: Erebidae: Arctiinae) from India. *Annales Zoologici*, 64 (1): 45-49. (ISSN:1734-1833) **Published by the Natura optima dux Foundation of the Museum and Institute of Zoology, Polish Academy of Sciences. (Impact Factor : 1.69) DOI: [10.3161/000345414X680555](http://dx.doi.org/10.3161/000345414X680555)**
10. **2014. Kirti, J.S., Joshi, R. and Singh, N.** A new species of genus *Teulisna* Walker (Lepidoptera: Erebidae: Arctiinae) from India. *Acta Zoologica Cracoviensia*, **57** (1): 11-19. (ISSN:1895-3131) **An International peer reviewed journal published by Polish Academy of Sciences, Poland. https://doi.org/10.3409/azc.57_1-2.11**
11. **2014. Kirti, J.S., Singh, N. and Joshi, R.** Taxonomic studies on three *Caeneressa* species (Lepidoptera: Syntomidae) from India. *Animal Systematics, Evolution and Diversity*, **30(1): 33-38.** (eISSN: 2234-8190). **An International Peer reviewed journal published by Korean Society of Systematic Zoology. (Impact factor: 0.122) <http://dx.doi.org/10.5635/ASED.2013.30.1.001>**
12. **2014. Kirti, J.S., Singh, N. and Joshi, R.** Two new genera of Lithosiini (Lepidoptera: Erebidae: Arctiinae). *Tinea*, **23(1): 41-46** (eISSN: **0493-3168**) **An International Journal Published by Japan Heterocerists Society.**
13. **2013. Kirti, J.S., Singh, N. and Joshi, R.** A new species representing first record of genus *Conilepia* Hampson (Lepidoptera: Erebidae: Arctiinae) from India. *Deutsche Entomologische Zeitschrift*, **60** (2):231-234. (DoI 10.1002/mmnd.201300029) (ISSN:1435-1951). **Edited by Museum fur Naturkunde der Humboldt–Universitata Zu Berlin, Germany & Published by Wiley. (Impact Factor: 0.73) DOI [10.1002/mmnd.201300029](http://dx.doi.org/10.1002/mmnd.201300029)**
14. **2013. Singh, J., Singh, N., Sharma, K. and Joshi, R.** Morphotaxonomy of nine species of genus *Lyclene* Moore (Lepidoptera: Arctiidae: Lithosiinae) from India. *Proceedings of the National Academy of Sciences India, Sect. B Biol. Sci.*, 83(1): 31-46. (eISSN: 2250-1746) **Published by Springer. (Impact Factor: 0.39) <https://doi.org/10.1007/s40011-012-0070-9>**

15. 2013. Kirti, J.S. and **Joshi, R.** Taxonomic studies on type species of genus *Tarika* Moore (Lepidoptera: Erebidae: Arctiinae) from India. *Journal of Chemical, Biological and Physical Sciences, Sec.B.*, 3(3), 2032-2036.(eISSN:2249-1929)(An International peer reviewed Journal of Science)(Global Impact factor= 0.72)
16. 2013. Kirti, J.S., **Joshi, R.** and Singh, N. 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. (ISSN:1895-3131) An International peer reviewed journal published by Polish Academy of Sciences, Poland. <https://doi:10.3409/azc.56.1.01>
17. 2013. Kirti, J.S., **Joshi, R.** and Singh, N. First record of genus *Disasuridia* Fang (Lepidoptera: Erebidae: Arctiinae) along with description of a new species from India. *Tinea*, 22(4): 269-271 (eISSN: 0493-3168) An International Journal Published by Japan Heterocerists Society.
18. 2013. Kirti, J.S., **Joshi, R.** and Singh, N. A new species of genus *Cyana* Walker (Lepidoptera: Arctiidae: Lithosiinae) from India. *Journal of Chemical, Biological and Physical Sciences, Sec. B.*, 3(2): 1301-1310. (eISSN:2249-1929) (An International peer reviewed Journal of Science) (Global Impact factor= 0.72)

(B) National Publications

1. 2017. Singh, N., Ahmed, J. & **Joshi, R.** An inventory of moths (Lepidoptera) from Topchanchi Wildlife Sanctuary, Jharkhand. *Journal of Entomology and Zoology studies*, 5(4): 1456-1466. (eISSN: 2320-7078) NAAS rating: 5.5.
2. 2017. Singh, N., Ahmad, J. & **Joshi, R.** New faunistic records and diversity of moths (Lepidoptera) from North East Jharkhand, India. *Records Zoological Survey of India*. (Accepted)
3. 2017. Singh, N., **Joshi, R.** & Ahmad, J. Two new records of tribe Lithosiini from India (Lepidoptera, Erebidae, Arctiinae). *Entomon* (Submitted).
4. 2015. **Joshi, R.**, Kirti J.S. & Singh, N. First record of genus *Cernyia* Bucsek (Lepidoptera: Erebidae: Arctiinae) from India. *Uttar Pradesh Journal of Zoology*, 35(1): 33-35. (ISSN: 0256-971X, NAAS rating: 3.81).
5. 2014. Kirti, J.S., **Joshi, R.** and Singh, N. First record of genus *Neoduma* Hampson (Lepidoptera: Erebidae: Arctiinae) with a new species from India. *Journal of Threatened Taxa*. 6 (12): 6568-6570 (eISSN: 0974-7907) NAAS rating: 5.10

6. 2014. Kirti, J.S., Singh, N. and **Joshi, R.** Studies on External genitalia of *Diduga albicosta* Hampson (Arctiidae: Lithosiinae). *Bionotes*, **11** (6): 18-19. (ISSN: 0972-1800) Published by 'a Biologists Confrerie' Society.
7. 2013. Singh, N., Kirti, J.S. and **Joshi, R.** First record of *Macotasa tortricoides* (Walker) (Arctiidae: Lithosiinae) from India alongwith a key to species of the genus. *Journal of Entomological Research*, **37** (4): 369-373 (ISSN:0378-9519) NAAS Rating : 5.05
8. 2013. Kirti, J.S., **Joshi, R.** and Singh, N. Taxonomic studies on four species of *Amata* Fabricius (Lepidoptera: Arctiidae: Syntominae) from India with special reference to their external genitalia. *Journal of Entomological Research*, **37** (4): 375-381 (ISSN:0378-9519) NAAS Rating : 5.05
9. 2013. Kirti, J.S. and **Joshi, R.** New faunistic records of Lithosiin Moths (Lepidoptera: Erebiidae: Arctiinae) from North-East India. *Bionotes*, **15** (3): 84. (ISSN: 0972-1800) Published by 'A BIOLOGISTS CONFRERIE' Society.
10. 2010. Kirti, J.S., Singh, N. and **Joshi, R.** Recharacterization of Genus *Cyclomilta* Hampson (Lepidoptera: Arctiidae). *Annals of Entomology*, 28(1): 9-11. (ISSN:0970-3721) (NAAS rating: 3.4)

(C) Papers In Conference Proceedings

1. 2015. **Joshi, R.**, Kirti, J.S. and Singh, N. "Diversity of Lithosiin moths (Lepidoptera: Erebiidae: Arctiinae) and new faunistic records from India". **Proceedings of an International Conference on Exploring Basic and Applied Sciences for next Generation Frontiers** organized by Lovely Professional University, Phagwara. **Published by Elsevier**, 2015: 1-2. ISBN: 978-93-5107-313-0)
2. 2014. **Joshi, R.** Pest diversity of Arctiid moths (Lepidoptera: Erebiidae: Arctiinae) from India. *Proceedings of the International Conference on Crop productivity and Sustainability-Shaping the Future*. Department of Agriculture, Baba Farid College, Bathinda. **2014** (BO-XVII):109-110.
3. 2013. Kirti, J.S., **Joshi, R.** and Singh, N. Diversity of Lithosiin moths (Lepidoptera: Erebiidae: Arctiinae) from India. *Proceedings of the National Conference on Insect Diversity and Systematics: Special emphasis on molecular techniques*. Department of Zoology, Aligarh Muslim University, Aligarh, 2013: 33-36.

(D) ABSTRACTS PUBLISHED : 12

1. **Joshi, R., Kirti J.S. & Singh, N (2014) “Diversity of Lithosiin moths (Lepidoptera: Erebidiae: Arctiinae) and new faunistic records from India”** in an International Conference on **Exploring Basic and Applied Sciences for next Generation Frontiers** organized by Lovely professional University, Phagwara from November 14-15, 2014
2. Kirti, J.S. and **Joshi, R. (2014) “New faunistic records of Lithosiini (Lepidoptera: Erebidiae: Arctiinae) from India”** in the International Conference on Entomology organized by Department of Zoology and Environmental Sciences, Punjabi University, Patiala from February 21-23, 2014.
3. **Joshi, R. (2013) “Diversity of Lithosiin moths (Lepidoptera: Erebidiae: Arctiinae) from India”** in a National Conference on Insect Diversity and Systematics: Special emphasis on Molecular approaches organized by Department of Zoology, Aligarh Muslim University, Aligarh (U.P.) from October 28-30, 2013.
4. **Joshi, R. and Dehar, P.S. (2013) “Some important Lepidoptera pests in Punjab”** in 16th Punjab Science Congress held at BFUHS, Faridkot, from February 07-09, 2013.
5. Singh, J., Singh, N. and **Joshi, R. (2012) “Diversity of subfamily Lithosiinae (Lepidoptera: Arctiidae) from North-East India”** in National conference on Man and Environment held at Department of Zoology & Environmental Sciences, Punjabi University, Patiala, Punjab from October 15-16, 2012.
6. Singh, J., Singh, N. and **Joshi, R. (2012) “Sexual Dimorphism in some genera of family Arctiidae (Lepidoptera)”** in National conference on Man and Environment held at Department of Zoology & Environmental Sciences, Punjabi University, Patiala, Punjab from October 15-16, 2012.
7. Singh, J., Singh, N. and **Joshi, R. (2012) “Stability in Classification of family Arctiidae (Lepidoptera) is need of the hour”** in International conference on Entomology held at Department of Zoology & Environmental Sciences, Punjabi University, Patiala, Punjab from February 17-19, 2012.
8. Singh, J., Singh, N. and **Joshi, R. (2012) “Lithosiinae diversity in Fambong Lhu wildlife sanctuary of East Sikkim (Lepidoptera: Arctiidae)”** in International conference on Entomology held at Department of Zoology & Environmental Sciences, Punjabi University, Patiala, Punjab from February 17-19, 2012.

9. Singh, J. and **Joshi, R.** (2010) “**Economic importance of Tiger and Footman moths (Arctiidae : Lepidoptera)**” in National Conference on Recent Advances in Agriculture held at Department of Agriculture, Baba Farid Group of Institutions, Bathinda from September 02-03, 2010.
10. Singh, J. and **Joshi, R.** (2010) “**Taxonomic Revision of family Arctiidae (Lepidoptera)**” in National Conference on Advances in Biological Sciences held at Panjab University, Chandigarh from March 30-31, 2010.
11. Singh, J., Goyal, T. and **Joshi, R.** (2010) “**Faunistic studies on Family Arctiidae and Geometridae (Lepidoptera) from Western Ghats and North East India**” in National Symposium on Impact of trends in Climate change on Bio-Diversity and Faunistic systems held at Gurukula Kangri University, Haridwar from February 19-20, 2010.
12. Singh, J., Singh, N. and **Joshi, R.** (2009) “**Diversity of subfamily Lithosiinae (Lepidoptera : Arctiidae) from Western Ghats of Tamil Nadu and Kerala states**” in International conference on Entomology held at Department of Zoology, Punjabi University, Patiala, Punjab from February 20-22, 2009.

CONFERENCES / SEMINARS ATTENDED:

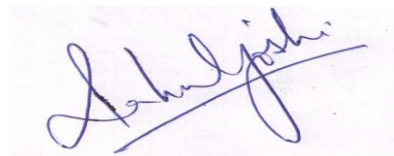
1. Attended and **presented an oral paper** in 2nd National Symposium on **Emerging trends in Biological Sciences** organized by Multani Mal Modi College, Patiala, Punjab on November 12, 2016.
2. Attended and **presented an oral paper** in an International Conference on **Exploring Basic and Applied Sciences for next Generation Frontiers** organized by Lovely professional University, Phagwara from November 14-15, 2014
3. Attended and **presented an oral paper** in the **International Conference on Crop Productivity and Sustainability-Shaping the future** organized by Department of Agriculture, Baba Farid College, Bathinda from March 20-21, 2014.
4. Attended and **presented an oral paper** in the **International Conference on Entomology** organized by Department of Zoology and Environmental Sciences, Punjabi University, Patiala from February 21-23, 2014.
5. Attended and participated in **17th Punjab Science Congress** organized by Punjab Technical University, Kapurthala from February 14-16, 2014.
6. Delivered an **Invited Lecture** on **Diversity of Lithosiin moths (Lepidoptera: Erebiidae: Arctiinae) from India** and also **Co- Chaired a session** in a National Conference on **Insect**

- Diversity and Systematics: Special emphasis on Molecular approaches** organized by Department of Zoology, Aligarh Muslim University, Aligarh (U.P.) from October 28-30, 2013.
7. Attended and **presented an oral paper** in a **National conference on Man and Environment held** at Punjabi University, Patiala from October 15-16, **2012**.
 8. Attended and **presented an oral paper** in an **International Conference on Entomology** held at Punjabi University, Patiala from February 17-19, **2012**.
 9. Attended **XI Symposium on vectors and Vector Borne diseases** held at **Regional Medical Research Centre For Tribals, Jabalpur, Madhya Pradesh** from October 15-17, **2011**.
 10. Attended and **presented an oral paper** in a **National Symposium on “CHRONOBIOLOGY”** held at **Kurukshetra University, Kurukshetra, Haryana** from March 15-17, **2011**.
 11. Attended and participated in a **National Seminar on “Biotech Vistas – 2011”** held at Department of Biotechnology, Punjabi University, Patiala, Punjab from March 2-3, **2011**.
 12. Attended and **presented an oral paper** in a **National Seminar on Science as a Living Reality: Current Scenario and Emerging Challenges** held at Hindu Girls College, Jagadhri, Haryana on February 26, **2011**.
 13. Attended and **presented an oral paper** in a **National Seminar on Climate change and its Impact on Biological Communities** held at Dr. R.M.L Avadh University, Faizabad, Uttar Pradesh from February 12-13, **2011**.
 14. Attended and participated in a **National Seminar on Biodiversity- Impact of Global change** held at D.A.V. College (Lahore) Ambala, Haryana January 22, **2011**.
 15. Attended and **presented an oral paper** in a **National Conference on Environment Degradation and its Impact on Mankind** held at Punjabi University, Patiala, Punjab from November 19-20, **2010**.
 16. Attended and **presented a poster** in a **National Conference on Advances in Biological Sciences** held at Panjab University, Chandigarh from March 30-31, **2010**.
 17. Attended **X International symposium on vector and Vector borne diseases** held at **Goa** from November 04-06, **2009**.
 18. Attended and **presented an oral paper** in an **International conference on Entomology** held at Department of Zoology, Punjabi University, Patiala, Punjab from February 20-22, **2009**.
 19. Attended and **presented an oral paper** in an **International conference on Ants and other social Hymenopterans** held at Department of Zoology, Punjabi University, Patiala, Punjab from September 20-22, **2007**.

ACADEMIC REFERENCES

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I, hereby declare that the details given above are correct to the best of my knowledge and belief.



Dated: February 08, 2018

(RAHUL JOSHI)

Highlights of Taxonomic Research Work (Published)

➤ **Published 02 (Two) New genera**

- ✓ *Indiania* Kirti, Singh & Joshi, 2014 (*Tinea*, 23 (1): 41-46)
- ✓ *Dubatolova* Kirti, Singh & Joshi, 2014 (*Tinea*, 23 (1): 41-46)

➤ **Published 19 (Nineteen) new species**

- ✓ *Cyana pseudoeffracta* Kirti, Joshi & Singh, 2013 (*J. of Che. Bio. Phy. Sci.*, 3(2): 1301-1310)
- ✓ *Disasuridia fangae* Kirti, Joshi & Singh, 2013 (*Tinea*, 22 (4): 269-271)
- ✓ *Conilepia hunliensis* Kirti, Singh & Joshi, 2013 (*Dtsch. Entomol. Z.*, 60 (2): 231-234)
- ✓ *Capissa alba* Kirti, Singh & Joshi, 2014 (*Ann. Zool.*, 64(1) : 45-49)
- ✓ *Neoduma valvata* Kirti, Joshi & Singh, 2014 (*Journal of Threatened taxa*, 6 (12): 6568-6570)
- ✓ *Teulisna unicornuta* Kirti, Joshi & Singh, 2014 (*Acta Zoologica Cracoviensia*, 57 (1-2): 11-19)
- ✓ *Zadadra neodistorta* Joshi, Kirti & Singh, 2015 (*Florida Entomologist* 98 (2): 536-540)
- ✓ *Zadadra cucullata* Joshi, Kirti & Singh, 2015 (*Florida Entomologist* 98 (2): 536-540)
- ✓ *Lyclene terminospota* Singh, Kirti & Joshi, 2015 (*Arctiid Moths of India*, Vol.-1. NBI)
- ✓ *Thysanoptyx pseudotetragona* Joshi, Singh & Kirti, 2015 (*Arctiid Moths of India*, Vol.-1)
- ✓ *Gampola taleaensis* Joshi & Singh, 2016 (*Tinea* 23 (4): 220-223)
- ✓ *Nishada pseudochilomorpha* Joshi & Singh, 2016 (*Zootaxa*, 4179 (1): 128-132)
- ✓ *Lemyra (Thyrgorina) wokhaensis* Singh, Kirti & Joshi, 2016 (*Arctiid Moths of India*, Vol.-2)
- ✓ *Stigmatophora palliduspalmata* Singh, Kirti & Joshi, 2016 (*Arctiid Moths of India*, Vol.-2)
- ✓ *Wittia freinai* Singh, Kirti & Joshi, 2016 (*Arctiid Moths of India*, Vol.-2)
- ✓ *Microlithosia jagbiri* Singh & Joshi, 2017 (*Zootaxa* 4319 (2): 383-385)
- ✓ *Thysanoptyx manganensis* Singh & Joshi, 2017 (*Zootaxa* 4319 (2): 375-378)
- ✓ *Mitochrista quadra* Joshi, Singh & Volynkin, 2017 (*Zootaxa* 4238 (3): 445-450)
- ✓ *Mitochrista pseudomodesta* Joshi, Singh & Volynkin, 2017 (*Zootaxa* 4238 (3): 445-450)

➤ **Published new records of 04 (Four) genera from India**

- ✓ *Disasuridia* Fang (*Tinea*, 22 (4): 269-271, 2013)
- ✓ *Conilepia* Hampson (*Dtsch. Entomol. Z.*, 60 (2): 231-234, 2013)
- ✓ *Neoduma* Hampson (*Journal of Threatened Taxa*, 6 (12): 6568-6570, 2014)
- ✓ *Cernyia* Bucsek (*Uttar Pradesh J. Zool.* 35(1): 33-35)

➤ **Published new records of 06 (Six) species from India**

- ✓ *Stictane rectilenea* (Snellen) (*Acta Zoologica Cracoviensia*, 56 (1): 1-7, 2013)
- ✓ *Macotasa tortricoides* (Walker) (*J. of Entomol. Res.*, 37 (4): 369-373, 2013)
- ✓ *Caeneressa brithyris* (Druce) (*Anim. Syst. Evol. Divers.*, 30 (1): 33-38, 2014)
- ✓ *Caeneressa muirheadi* (Felder) (*Anim. Syst. Evol. Divers. Vol. 30, No. 1: 33-38, 2014*)
- ✓ *Neoduma kaungtungensis* (Daniel) (*Journal of Threatened Taxa*, 6 (12): 6568-6570, 2014)

✓ *Teulisna karena* Cerny (*Acta Zoologica Cracoviensia*, 57 (1-2): 11-19, 2014)

➤ **Published 21 (Twenty one) new combinations**

- ✓ *Lyclene dharmia* (Moore) (*Proc. Nat. Acad. of Sci. India Sec. B: Bio. Sci.*, 83(1): 31-46, 2013)
- ✓ *Lyclene euprepiodes* (Walker) (*Proc. Nat. Acad. of Sci. India Sec. B: Bio. Sci.*, 83(1): 31-46, 2013)
- ✓ *Lyclene linga* (Moore) (*Proc. Nat. Acad. of Sci. India Sec. B: Bio. Sci.*, 83(1): 31-46, 2013)
- ✓ *Lyclene calamaria* (Moore) (*Proc. Nat. Acad. of Sci. India Sec. B: Bio. Sci.*, 83(1): 31-46, 2013)
- ✓ *Lyclene strigipennis* (Herrich-Schaffer) (*Proc. Nat. Acad. of Sci. India Sec. B: Bio. Sci.*, 83(1): 31-46, 2013)
- ✓ *Amata lucina* (Butler) (*J. of Entomol. Res.*, 37 (4): 375-381, 2013)
- ✓ *Amata divisa* (Walker) (*J. of Entomol. Res.*, 37 (4): 375-381, 2013)
- ✓ *Amata multigutta* (Walker) (*J. of Entomol. Res.*, 37 (4): 375-381, 2013)
- ✓ *Caeneressa melaena* (Walker) (*Anim. Syst. Evol. Divers.*, 30 (1): 33-38, 2014)
- ✓ *Dubatolova prabana* (Moore) (*Tinea*, 23 (1): 41-46, 2014)
- ✓ *Indiania eccentrica* (Meyrick) (*Tinea*, 23 (1): 41-46, 2014)
- ✓ *Indiania auriflucta* (Cerny) (*Tinea*, 23 (1): 41-46, 2014)
- ✓ *Indiania arcana* (Bucsek) (*Tinea*, 23 (1): 41-46, 2014)
- ✓ *Miltochrista rubricans* (Leech, 1890) (*Zootaxa* 4238 (3): 445-450, 2017)
- ✓ *Miltochrista szetschwanica* (Daniel, 1952) (*Zootaxa* 4238 (3): 445-450, 2017)
- ✓ *Miltochrista discisigna* (Moore, 1878) (*Zootaxa* 4238 (3): 445-450, 2017)
- ✓ *Miltochrista weidenhofferi* (Cerný, 2012) (*Zootaxa* 4238 (3): 445-450, 2017)
- ✓ *Miltochrista unipuncta* (Leech, 1890) (*Zootaxa* 4238 (3): 445-450, 2017)
- ✓ *Miltochrista carnea* (Poujade, 1886) (*Zootaxa* 4238 (3): 445-450, 2017)
- ✓ *Miltochrista modesta* (Leech, 1899) (*Zootaxa* 4238 (3): 445-450, 2017)
- ✓ *Miltochrista aquila* (Cerný, 2009) (*Zootaxa* 4238 (3): 445-450, 2017)

➤ **Resurrected 05 (Five) old combinations**

- ✓ *Lyclene humilis* (Walker) (*Proc. Nat. Acad. of Sci. India Sec. B: Bio. Sci.*, 83(1): 31-46, 2013)
- ✓ *Lyclene obsoleta* Moore (*Proc. Nat. Acad. of Sci. India Sec. B: Bio. Sci.*, 83(1): 31-46, 2013)
- ✓ *Lyclene radians* Moore (*Proc. Nat. Acad. of Sci. India Sec. B: Bio. Sci.*, 83(1): 31-46, 2013)
- ✓ *Lyclene pilosomoides* Moore (*Proc. Nat. Acad. of Sci. India Sec. B: Bio. Sci.*, 83(1): 31-46, 2013)
- ✓ *Teulisna obliquistria* Hampson (*Rec. Zool. Sur. Ind. Occ. Paper*, 367: 1-76, 2014)

➤ **Status revived/restored of 02 (Two) Species**

- ✓ *Miltochrista rubricans* (Leech, 1890) (*Zootaxa* 4238 (3): 445-450, 2017)
- ✓ *Miltochrista szetschwanica* (Daniel, 1952) (*Zootaxa* 4238 (3): 445-450, 2017)