

## ZUBAIR AHMAD, PhD

### Contact details:

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### Present Status

**Assistant Professor** since Jan 2009 at Department of Biology, Faculty of Science, King Khalid University, Abha (Kingdom of Saudi Arabia).

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### Teaching experience

- ⇒ **Assistant Professor**, Department of Biology, King Khalid University, ABHA, K.S.A. (Jan. 2009 to till date; >4 years).
- ⇒ **Guest Lecturer (Assistant Professor)** at Department of Zoology, Aligarh Muslim University, Aligarh, UP, India. (September 2007 to November 2008; 1 year).
- ⇒ **Postdoc. Research Associate** (DST, Young Scientist scheme, New Delhi.) at Department of Zoology, Aligarh Muslim University, Aligarh, India (July. 2004 to July. 2007; 3 years).

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### Research experience

- ⇒ January 2009 to till date assigned many research projects to work on parasitic hymenoptera systematics and ecology at King Khalid University, Abha, KSA.
- ⇒ July, 2004 to July 2007: Worked as a Postdoc. Research Associate (Young Scientist, DST New Delhi) at Department of Zoology, Aligarh Muslim University, Aligarh, India, to work on biosystematic studies on Indian Microgastrinae (Hymenoptera: Braconidae).
- ⇒ September, 2001 to December, 2003: Worked as a Research Fellow (AMU) at Department of Zoology, Aligarh Muslim University, Aligarh, India on the topic "Taxonomic studies on Indian Microgastrinae (Hymenoptera: Braconidae)"
- ⇒ October, 1998 to August, 2000: Worked as a Junior Research Fellow at Aligarh Muslim University, Aligarh, India on the Topic "Revision of Indian Cardiochilinae (Hymenoptera: Braconidae)"

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### Courses taught

Undergraduate teaching: Invertebrates Biology, Evolutionary Biology, Ecology, General Zoology, Comparative anatomy, Economic Zoology, Biodiversity and Conservation.

Postgraduate teaching: Insect systematic, General Entomology, Economic Entomology, Behavior and Biological Control, Insect Morphology.

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## **Research Interest/ Area of specialization**

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Entomology, Systematics, Biodiversity, Insect ecology, Biological control & Economic Entomology.

The major thrust of my research is in the systematics of parasitic hymenoptera: Insecta: Invertebrata group. I have also published on and maintain a keen interest in the ecological studies on insects. My research includes fieldwork taxonomy, molecular and morphological systematic, and biodiversity, which are used to interpret patterns and processes of parasitic Hymenoptera diversity in different regions. I have been specializing in systematics and biodiversity of parasitic Hymenoptera, with over 14 years of research experience. I have discovered around 100 new species of parasitic Hymenoptera till date, including the description of two new genera.

## **Education**

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- ⇒ **PhD.** in Zoology (Entomology) from Aligarh Muslim University, Aligarh, India in 2003.
- ⇒ **M.Phil.** in Zoology (Entomology) from Aligarh Muslim University, Aligarh, India in 2001.
- ⇒ **M.Sc.** in Zoology (Entomology) from Aligarh Muslim University, India in 1998 with first division.
- ⇒ **B.Sc.** from Meerut University, India, in Zoology, Botany and Chemistry in 1995 with first division.

## **Awards and fellowships:**

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- ⇒ Young Scientist Award (2004) by the Department of Science & Technology (DST), New Delhi, INDIA on postdoctoral research project from 22 July 2004 to 21 July 2007.
- ⇒ University Research Fellow, Aligarh Muslim University, Aligarh, from 1-5-2001 to 27-9-2003.

## **Workshops/Symposium attended**

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- ⇒ "Advances in Environmental Science and Technology" held on 15-16, 2008 at Aligarh Muslim University, Aligarh, India
- ⇒ "Biological control of Forest Insect Pest" held on 7-8 October 5, 1999 at FRI, Dehradun.
- ⇒ "27th Saudi Biology Association conference" held on 6-8 March 2012 at Jazan University, Saudi Arabia.

## **STUDENT MENTEES**

- ⇒ **Undergraduate:** Abdullah Saleh Saeed, B.S., 2010; Saad Ali Shehri, B.S., 2011; Ayed ali Abdullah, B.S., 2013.
- ⇒ **Graduate:** Ala Mohammad, MSc (2013).

## **Memberships in scientific societies**

- ⇒ Entomological Society of India (life membership no. 793)
- ⇒ South East Asian Society for Invertebrates Conservation Taxon editor of family Braconidae,
- ⇒ National Chemical Laboratory, Pune 411008- India

## Research Projects/ Research funding in past and ongoing projects:

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### Studies on Biosystematics and Biodiversity of Indian Microgastrinae (Insecta: Hymenoptera: Braconidae)

**Period** : Three Years from July 2004 to July 2007

**Organization** : Department of Science and Technology, New Delhi, India (DST)

**Role:** PI

**Status:** Completed

Reference no.: SR/FT/L-92/2003

### Seasonal activity of mosquitoes in the city of Abha and Khamis province, with an evaluation of the effectiveness of some insecticides used in spraying operations in the Asir region

**Period** : One year from Dec. 2011 to Dec. 2012.

**Organization** : Deanship of Scientific Research at King Khalid University, Abha, K.S.A.

**Role:** Co-PI

**Status:** Completed

Reference no.: 371

### Studies on diversity and tritrophic interaction on Aphidiinae (Hymenoptera: Braconidae) in Asser national Park

**Period** : Six months Jan. 2013 to June 2013

**Organization** : Deanship of Scientific Research at King Khalid University, Abha, K.S.A.

**Role:** PI

**Status:** Running

Reference no.: 218

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## Publications

1. Ahmad Samiuddin, Arshad Ali Haider and **Zubair Ahmad**. 2000. A new species of Cheloninae (Hymenoptera: Braconidae) from India. **Journal of Entomological Research**, 24(3): 239-242.
2. **Zubair Ahmad** and Shujauddin. 2001. A new species of the genus *Blacus* Nees (Blacinae: Braconidae: Hymenoptera) from India. **Shashpa**, 8(1): 15-18.
3. **Zubair Ahmad** and Shujauddin. 2001. A new species of the genus *Homolobus* Forester (Homolobinae: Braconidae: Hymenoptera) from India. **Shashpa**, 8(2): 99-101.
4. **Zubair Ahmad**, Arshad Ali Haider and Shujauddin. 2002. A new species of the genus *Centistes* Haliday (Hymenoptera: Braconidae) from India. **Entomon**, 27(4): 419-421.
5. **Zubair Ahmad** and Shah Mohammad Harris. 2002. Braconinae enemies of insect pests of rice in India (Hymenoptera: Braconidae). **Bionotes**, 4(4): 103
6. Arshad Ali Haider, **Zubair Ahmad** and Shujauddin. 2003. Discovery of the genus *Pachybracon* Cameron (Hymenoptera: Braconidae) from India, with a description of new species. **Bioved**, 14(1, 2): 97-99.
7. **Zubair Ahmad** and Shujauddin. 2003. Description of a new species of *Phanerotomella* (Hymenoptera: Braconidae) from India. **Journal of entomological research**, 27(4): 353-356.

8. Mohammad Shamim, **Zubair Ahmad**, Arshad Ali Haider and Shujauddin. 2004. Records of the genus *Marshiella* Shaw (Hymenoptera: Braconidae) from India, with notes on *Aridelus flavicoxae* Shujauddin. **Records of Zoological Survey of India**, 103 (1, 3): 175-179.
9. **Zubair Ahmad** and Shujauddin. 2004. Description of a new species of the genus *Phanerotoma* Wesmael (Hymenoptera: Braconidae). **Zoos'Print Journal**, 19 (12): 1706-1707.
10. **Zubair Ahmad** and Shujauddin. 2004. Taxonomic studies on Indian Cardiochilinae (Hymenoptera: Braconidae), with the description of five new species. **Oriental Insects**, 38:155-171. International
11. Arshad Ali Haider, **Zubair Ahmad** and Shujauddin. 2004. A new genus *Zakaella* (Hymenoptera: Braconidae: Braconinae) from India., **Entomon**, 28(3): 263-267.
12. Arshad Ali Haider, **Zubair Ahmad** and Shujauddin. 2004. Taxonomic Studies on Indian *Tropobracon* Cameron, with description of two new species (Hymenoptera: Braconidae). **Zootaxa**, 663: 1-8. International
13. Arshad Ali Haider, **Zubair Ahmad** and Shujauddin. 2004. A new species of the genus *Eutropobracon* Ayyar (Hymenoptera: Braconidae) from India. **Applied Zoologist**, 15(1): 72-73.
14. Kavita Pandey, **Zubair Ahmad**, Arshad Ali Haider and Shujauddin. 2004. *Apanteles malacosomae* sp. nov. (Hymenoptera: Braconidae) parasitic on tent caterpillar *Malacosoma indica* Wlk. (Lepidoptera: Lasiocampidae) in India. **Journal of Entomological Research**, 28 (1): 51-54.
15. Arshad Ali Haider, **Zubair Ahmad**, Kavita Pandey and Shujauddin. 2004. Description of a new species of the genus *Habrobracon* Ashmead (Hymenoptera: Braconidae) along with key to the Indian species. **Journal of Entomological Research**, 28 (2): 153-156.
16. **Zubair Ahmad**, Kavita Pandey, Arshad Ali Haider and Shujauddin. 2005. A new *Philoplitis* species (Hymenoptera: Braconidae) from India. **Zoos' print Journal**, 20(1):1736.
17. **Zubair Ahmad**, Kavita Pandey, Arshad Ali Haider and Shujauddin. 2005. Discovery of the genus *Wilkinosonellus* Mason (Hymenoptera: Braconidae) from India. **Zoos' print Journal**, 20(3): 1804.
18. **Zubair Ahmad**, Arshad Ali Haider and Shujauddin. 2005. Two new species of *Apanteles* (*Illidops*) Mason (Hymenoptera: Braconidae) from India. **Oriental Insects**, 29: 229-232.
19. **Zubair Ahmad**, Kavita Pandey, Arshad Ali Haider, and Shujauddin. 2005. Description of a new species of the genus *Neoclarkinella* Rema and Narendran (Hymenoptera: Braconidae) from India. **Journal of Bombay natural history society**, 102 (2): 208-209
20. Kavita pandey, **Zubair Ahmad**, Arshad Ali Haider, and Shujauddin. 2005. Description of a new species of the genus *Dolichogenidea* Viereck (Hymenoptera: Braconidae) from India. **Journal of Bombay natural history society**, 102 (3): 324-325
21. Mohammad Shamim, **Zubair Ahmad** and Ahmad Samiuddin. 2007. Description of a new species of *Wesmaelia* Foerster (Hymenoptera: Braconidae: Euphorinae) from India. **Biosystematica**, 1 (1): 37-40.
22. Mohammad Shamim, **Zubair Ahmad** and Ahmad Samiuddin. 2008. Description of two new species of the genus *Metiorus* (Hymenoptera: Braconidae), from India. **Oriental Insects**, 42: 291-297. International.
23. Ahmad Samiuddin, **Zubair Ahmad**, Mohammad Shamim and Zaheer Ahmad. 2008. New records of subgenus *Rhogadops* with description of new species from India. **Bionotes**, 10(3): 96-97.
24. Mohammad Shamim, **Zubair Ahmad** and Ahmad Samiuddin. 2008. Record of the genus *Peristenus* Foerster (Hymenoptera: Braconidae) from India, with description of four new species. **Records of Zoological Survey of India**, 108 (Part-I): 81-89.

25. Anjum and **Zubair Ahmad**. 2008. Taxonomic studies of genus *Pentatermus* Hedqvist (Hymenoptera: Braconidae) from India. **Journal entomological research**, 32 (2): 155-159.
26. Mohammad Shamim, **Zubair Ahmad** and Ahmad Samiuddin. 2008. Taxonomic studies on Indian *Microctonus* Wesmael (Hymenoptera: Braconidae), with descriptions of eight new species. **Biosystematica**, 1 (2): 7-19.
27. Ahmad Samiuddin, **Zubair Ahmad** and Mohammad Shamim. 2008. Records of the genus *Aphaereta* Foerster (Hymenoptera: Braconidae) from India, with descriptions of three new species. **Journal Entomology**, 1: 1-7. International.
28. **Zubair Ahmad** and Zaheer Ahmed. 2008. Description of a new species of the genus *Blacus* (Hymenoptera: Braconidae) from India. **Journal of Bombay natural history Society**, 105 (1): 84-85.
29. **Zubair Ahmad**. 2008. A revision of the genus *Gnaptodon* Haliday (Hymenoptera: Braconidae) from India. **Journal Advanced in Zoology**, 29(2): 83-87.
30. Anjum and **Zubair Ahmad**. 2008. Two new species of the genus *Acanthohormius* (Hymenoptera: Braconidae) from India. **Biosytematica**, 2(2): 11-15.
31. Anjum and **Zubair Ahmad**. 2008. Records of the genus *Tetratermus* Wharton (Hymenoptera: Braconidae) from India, with description of a new species. **Biosytematica**, 2(2): 21-23.
32. Anjum, **Zubair Ahmad** and Zaheer Ahmad. 2008. A review of the genus *Parahormius* Nixon (Hymenoptera: Braconidae) from India. **Journal of Bombay natural history society**, 105 (2): 202-205.
33. Anjum and **Zubair Ahmad**. 2008. Taxonomic studies on the genus *Hormius* Nees (Hymenoptera: Braconidae) from India. **Ayyaria** 1 (1+2): 1-7.
34. **Zubair Ahmad**, K. J. Hussain and R. Shanti. 2009. *Glyptapanteles spodopterae* sp. nov., (Hymenoptera: Braconidae: Microgastrinae) parasitic on larvae of *Spodoptera litura* in India. **Journal of entomological Research**, 33(1): 97-99.
35. Mohammad Shamim, **Zubair Ahmad** and Ahmad Samiuddin. 2009. Taxonomic Studies on Indian *Leiothron* Nees (Hymenoptera: Braconidae), with descriptions of seven new species. **Folia Hyrovinskiyana** 17(1): 5-22, International.
36. **Zubair Ahmad** and Zaheer Ahmed. 2009. A new species of the genus *Blacus* (Hymenoptera: Braconidae) from India. **Bionotes**, 11(1): 21.
37. **Zubair Ahmad**, F. R. Khan and Mohammad Shamim. 2009. Insects as a tool in Environment Impact Assessment. Int. conference on Resource, development and Environmental issues. 175pp.
38. **Zubair Ahmad**. 2009. Pest outbreak in India. **Rice Today**, Jan-March: 6.
39. Ahmad Samiuddin, **Zubair Ahmad**, Mohammad Shamim and Zaheer Ahmad. 2009. New records of subgenus *Baeocentrum* with description of new species from India. **Bionotes**, 11(3): 101-102.
40. Ahmad Samiuddin, **Zubair Ahmad** and Mohammad Shamim. 2009. Taxonomic studies of the genus *Opius* Wesmael (Hymenoptera: Braconidae : Opiinae) from India, with descriptions of twenty three new species. **Oriental Insects**, 43: 159-199.
41. Ahmad Samiuddin, **Zubair Ahmad** and Mohammad Shamim. 2009. Description of a new species of the genus *Indiopijs* Fischer (Hymenoptera: Braconidae) from India. **Journal of Threatened Taxa** 1(12): 619-620.
42. Ahmad Samiuddin, **Zubair Ahmad** and Mohammad Shamim. 2010. Description of a new species of the genus *Idiasta* Foerster (HYmenoptera: Braconidae) from India. **Journal of Threatened Taxa** 2(2): 709-711.

43. Ahmad Samiuddin, **Zubair Ahmad** and Mohammad Shamim. 2010. Description of a new species of the genus *Bitomus* Szepliget (Hymenoptera: Braconidae) from India. **Journal of Threatened Taxa** 2(3): 770-772.
44. Mir Samim Akhtar, **Zubair Ahmad** & V.V. Ramamurthy. 2010. Description of two new species of Microgastrini (Hymenoptera: Braconidae) from India. **Zootaxa** 2608: 57–62
45. **Zubair Ahmad** and Ali-al Shati. 2010. Re-description of *Hyalomma* (*Euhyalomma*) *impeltatum* Schulze & Schlottke, 1930 (Acari: Ixodidae). **Bionotes** 1: 22-23
46. **Zubair Ahmad** and Ali-al Shati. 2010. Re-description of *Hyalomma* (*Euhyalomma*) *dromedarii* KOCH, 1844 (Acari: Ixodidae). **Bionotes** 2: 25-27
47. **Zubair Ahmad** and Zaheer Ahmed. 2011. Record of the genus *Schizoprymnus* Foerster (Hymenoptera: Braconidae) from India, with descriptions of two new species, **Journal of Bombay natural History Society** 107 (1): 45-47.
48. Mohammad Shamim, **Zubair Ahmad** and Ahmad Samiuddin. 2011. A New species of the genus *Aridelus* Marshall (Hymenoptera: Braconidae), from India. **Indian Journal of entomology**, 71(3): 224-227.
49. **Zubair Ahmad** and Zaheer Ahmed. 2011. Description of a new species of the genus *Plesiotypus* van Achterberg (Hymenoptera: Braconidae) from India. **Journal of Threatened Taxa**, In Press.
50. Ehsan Rakhshani, Hossein Barahoei, **Zubair Ahmed**, Željko Tomanović, Marina Janković, Andjeljko Petrović, Imran Bodlah & Petr Starý. 2012. New species and additional evidence of aphid parasitoids (Hymenoptera: Braconidae: Aphidiinae) from India. **Zootaxa** 3397: 45–54.
51. T.C.Narendran, Hamed A. Ghrmah and **Zubair Ahamad**. 2012. A review of *Meruacesa* Kocak and Kemal (Hymenoptera: Eulophidae) with a description of a new species from Saudi Arabia. **Journal environmental and sociobiology**. 9 (1): 27-33.
52. Kavita pandey and **Zubair Ahmad**. 2013. A study on the braconid (Hymenoptera: Braconidae) parasitoids of lepidopteran leaf miners in India. **Journal of Threatened Taxa**, In Press.
53. Ahmad Samiuddin, **Zubair Ahmad** and Mohammad Shamim. 2013. New records of two Alysiniinae Genera (Hymenoptera: Braconidae) from India, with description of two new species. **Records of Zoological survey of India**, In Press.
54. Anjum and **Zubair Ahmad**. 2013. Taxonomic studies on the genus *Pambolus* Haliday (Hymenoptera: Braconidae) India. **Journal of Bio-Sciences**, Communicated.
55. T.C.Narendran and **Zubair Ahamad**. 2013. A review of *Acrias* Walker (Hymenoptera: Eulophidae: Entiinae) with a description of a new genus of Entiinae. **Protoanimalia**. In Press.
56. **Zubair Ahmad** and Rida F.A. Bakr. 2013. Aphid parasitoids (Hymenoptera: Braconidae: Aphidiinae) from Asir region, Saudi Arabia. **World journal of applied sciences and research**. In press.

#### Personal Data

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|-----------------|--------------------------------|
| Nationality     | : Indian                       |
| Date of Birth   | : 15 <sup>th</sup> August 1975 |
| Languages Known | : English, Hindi & Urdu        |
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## References

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