



**Prof. Dr. Atul Kesharao Bodkhe (FTYS)**  
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### Academic Qualifications:

- 🕷️ Master in Zoology: with specialization in Animal Physiology from S G B Amravati University , Amravati in 2001.
- 🕷️ Doctor of Philosophy: Title of Thesis “Bioecological and faunal studies of the river Tapi flowing through Melghat reserve forest in the light of proposed UTPS-II” in the year 2005.
- 🕷️ Doing Doctor of Philosophy in “Diversity of spider in Lonar Crater Sanctuary”





<b>Teaching Experience:</b>	15 years
<b>Research Experience:</b>	12 yrs
<b>No. of Publications:</b>	Research Paper Published: 28 /Communicated: 02 Project Reports: 04 Reports Conference/ Symposia/workshops: 12

### Awards, Recognitions & Honors:

- 🕷️ Received very prestigious, “Daddy Deshmukh Best Teacher Award” of Shri Shivaji Education Society Amravati by the Hands of Hon. Shri Harshwardhan Deshmukh, President Shri Shivaji Education Society Amravati on 5<sup>th</sup> September 2019.
- 🕷️ On the occasion of World Environmental Day at New Delhi on 5<sup>th</sup> June 2018, three new spider species published in the book “Faunal Discovery of India” which was released by the hands of Hon Prime Minister of India.
- 🕷️ Hon. Forest minister of Maharashtra Shri Sanjayji Rathod sanctioned the India’s First Spider Museum of Natural History at Chikhaldara. (In progress)
- 🕷️ Discovered 21 new spider species (See references) for science and 1 new spider family Trachelidae Simon 1897 first time reported for India.
- 🕷️ Awarded the State Government Best Photography Award on the Occasion of World Environment Day” 2009 for Photographs on Spiders from Melghat Reserve Forest.
- 🕷️ DST awarded “Fast track Young Scientist Fellowship” on “Natural history and systematic of spiders from Lonar Crater Sanctuary”.



-  Established Spider Research Lab (SR-Lab) in collaboration with Evolutionary Zoology Laboratory Slovenia.
-  Amravati Chapter Convener, Indian Science Congress Association, Kolkata (Autonomous scientific body of Department of Science and Technology (DST) New Delhi, Gov. of India)
-  All India Radio released interviewed in the program “Olakh Paryavarnachi” from all sub stations of Maharashtra like Mumbai, Jalgoan, Pune, Nashik, Kolhapur, Solapur, Satara, Aurangabad, Amravati and Akola
-  Released first spider song of India “EK PAHELI”
-  Membership of National & International Research Associations / Journals:
-  Member of IUCN Spider and Scorpion group
-  Life member of “International Society of Archnology” USA.
-  Founder Member of Asian Society of Arachnology
-  Member Secretary “Indian Society of Arachnology”, Amravati.
-  Working as one of the Reviewer of “Biodiversity Data Journal”, Sofia Belgeria, and Europe.
-  Associate Editor of “Indian Journal of Arachnology”, Amravati.

### **Scientific report publications:**

-  Report and output of “Fast track Young Scientist Fellowship” published in the book which published by DST-SERB, Govt. India
-  Report and output of 3<sup>rd</sup> Conference of Asian Society of Arachnology” published in the book which published by DST-SERB, Govt. India.
-  Report and outcomes of project Diversity and Microhabitat utilization pattern of spiders from Satpura Landscape MP sanctioned by MoEFCC, New Delhi, Govt. of India.
-  Report of “Biodiversity assessment of green Corridor” (Between Jamb towards Hinganghat NH-7 starting from 64.2 km and Ending at 71.1 km towards both Left and Right Side of Highway)


### **Research Projects:**

#### **Completed 03:**



-  UGC Sanctioned “Diversity of Spiders from Lonar Crater Sanctuary”.
-  DST Sanctioned “Natural history and systematic of spiders from Lonar Crater Sanctuary”.

-  MoEFCC Sanctioned “Diversity and Microhabitat utilization pattern of spiders from Satpura Landscape”



### **Ongoing: 01:**

-  Investigations on web structure, population and kleptoparasitism in the giant wood spider, *Nephila pilipes* (Fabricius, 1793)


### **Area of Research Work:**

-  Spider diversity, taxonomy ecology and behaviour
-  Environmental Impact Assessment

### **Book Published:**


-  Environmental Impacts of Dams “A Case Study of Proposed UTPS-II on Tapi River”. This book has been printed from unassigned grant for publication sanctioned to the author through Sant Gadge Baba Amravati University, Amravati.
-  Chapter published on “Common species of spiders from Melghat” in the book of office of field director of Melghat Tiger Reserve in 2018.

### **MOU/ Collaboration**

-  *Developed International collaboration with Jovan Hadži Institute of Biology, Scientific Research Centre of the Slovenian Academy of Sciences and Arts, Ljubljana, Slovenia and J. D. P. S. Mahavidyalaya, Daryapur*









### **Congress/Conference/ Symposium/Workshops / Conducted: (National/International)**

#### **International**



-  International Asian Society of Arachnology, DST, INSA sponsored “3rd Asian conference on Arachnology” on 16th to 19th November, 2015 in collaboration with Indian Society of Arachnology.






#### **National**

-  Organized Indian Science Congress sponsored national conference on Science and technology: Rural development on 27<sup>th</sup> – 28<sup>th</sup> November, 2019 at Science Collage Nagpur.
-  Organized training workshop for Foresters and Forest Guards on Role of spiders in forest ecosystems on 27<sup>th</sup> – 29<sup>th</sup> September 2018 at Forest Training Institute, Chikhaldara.
-  Organized three days symposium cum workshop on Role of spiders as Ecosystem Engineers on 17<sup>th</sup> November 2018 at Forest Training Institute, Chikhaldara

-  National symposium cum workshop on ‘Science and Technology for- Sustainable Wildlife Management, Biodiversity & Ecosystems in India’ on 3<sup>rd</sup>- 5<sup>th</sup> December, 2017.
-  A Program on “National development through Science and technology” on 20<sup>th</sup> March 2017.
-  Indian Science congress Association sponsored workshop for students on “Spider Taxonomy” on 10 March, 2016.
-  Indian Science Congress Association, Kolkata sponsored “Two-Day Program on ‘Science and Technology for Human Development’” on 9th & 10th March 2015. Dr.A.K.Saxena, President of Indian Science Congress, delivered the inaugural speech. Dr. Sunil Kumar Verma, Principal Scientist, CCMB Hyderabad talked on Universal Primer Technology and its applications in wildlife conservation.
-  Indian Science Congress Association, Kolkata sponsored “Rural Science Congress” (Theme- Innovations in science and technology for inclusive development) on 13-14 January, 2014.
-  Organized workshop for local farmers on “Role of spiders in Agro ecosystem” on 25th December 2012.
-  DST New Delhi sponsored “National symposium cum workshop on Arachnology with reference to spiders” on 28 November to 1st December, 2010, under the key instructor Dr. Matjaz Kuntner, Chair, EZ Laboratory, Slovenia, Dr. V.P. Uniyal, Scientist F, WII, Dehradun
-  UGC sponsored National Workshop on “Spider Diversity in Mahendri Forest, Satpuda” Maharashtra, India as Coordinator.





### **Workshops & Training Courses Participated:**

-  International Training Course on “Education as a Tool For Species Conservation with a Focus on the Tigers in India” in Collaboration with Environmental Education & Conservation Global, USA., Wildlife Wing of Maharashtra Forest Department, SGB Amravati University, Amravati., Satpuda Foundation, Amravati and Nature Conservation Society, Amravati. (from Nov. 2 – 20, 2009) under the supervision of Edward J McCrea, President, Environmental Education & Conservation Global, USA & Mike Way.
-  One day workshop on “Professional Development Training Workshop for Educators” on wildlife with special emphasis on birds in collaboration with Flying WILD, USA & Council for Environmental Education, USA, Environmental Education & Conservation Global, USA., SGB Amravati University, Amravati., Satpuda Foundation, Amravati and Nature Conservation Society, Amravati. (from Nov. 2 – 20, 2009) under the supervision of Edward J McCrea, President, Environmental Education & Conservation Global, USA & Mike Way.

-  Participated in the Refresher Course in the subject Life Science from 3-20 March, 2010, sponsored by University Grants Commission New Delhi and Academic Staff College Sant Gadge Baba Amravati, University, Amravati Maharashtra, India.
-  Participated in Field Workshop on “Spider Diversity in Melghat Tiger Reserve” from 4-8 October, 2007 organized by Department of Zoology, SGB Amravati University, Amravati, Under The Supervision of Dr. U.A.Gajbe, Retired Scientist, ZSI, India.
-  Participated in “National Workshop on Quantitative Techniques in Biodiversity Assessment” Conducted by School of Life Sciences, S.R.T.M. University, Nanded Under The Supervision of Prof. Rajshekhar Patil.
-  Participated in “National Workshop on Molecular Biology” From 1-2 August 2004 Conducted by Department of Zoology, SGB Amravati University, Amravati in Collaboration with Bangalore Genei, Bangalore.
-  Workshop on “Techniques in Molecular Biology” organized by Department of Zoology, Sant Gadge Baba Amravati, University, Amravati in collaboration with Sanmar Bangalore and M/s Labline, Amravati, 10th and 11th January 2008

### **Conference/Symposium/Seminar**


-  International symposium on spiders of greater Makong region 12- 15 November, 2012 in Laos Champaks, Pakse Title of Oral Presentation- Ecology and distribution of Spiders in Lonar crater sanctuary from India.
-  27th European congress of Arachnology in Ljubljana Slovenia 2nd to 7th September, 2012. Title of Poster Presentation- Ecology and diversity of spiders in Patalkot, MP, India
-  “18th International Congress of Arachnology” in Siedlce, Poland 11-17 July 2010 in collaboration with University of Podlasie and International Society of Arachnology. Title of Oral Presentation- “Spider diversity in Lonar crater sanctuary and a new species of Ariamnes (Araneae: Theridiidae) from India” Title of Poster Presentation- “Spider fauna from proposed Mahendri Wild Life Sanctuary”
-  “National Conference On Trends in Plant Sciences: Today and Tomorrow” held on February 22nd -23rd, 2010 at Department of Botany, Shri Shivaji Collage, Akot, Maharashtra, India. Title of Oral Presentation- “Antigenecity Prediction of Latrodecton from Lactrodectus tetricinguttatus for possibilities in drug development”.
-  “96th Indian Science Congress held at North Eastern Hill University Shillong from January 3 to 7, 2009.” Title of Poster Presentation “Spider fauna on cotton field in Vidarbha region Maharashtra State”

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 “XVIII NATIONAL SYMPOSIUM ON RECENT TRENDS IN LIFE SCIENCES WITH SPECIAL REFERENCE TO WILD-LIFE AND CONSERVATION” held on November 16-19,2002 at Amravati University, Amravati, Maharashtra, India. Title of Oral Presentation- “Limno-biotic study of River Tapi flowing through Melghat Tiger Researve” Symposium on “Three Decades of Project Tiger in Melghats” from 8th-9th October, 2004 at Department of Zoology, Amravati University, Amravati, Maharashtra, India.
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 National Seminar on “Bio-Physics” 19th February 2007 sponsored by U.G.C., New Delhi and organized by Department of Physics and Zoology at J.D.Patil Sangludkar Collage, Daryapur, Distt. Amravati, Maharashtra, India.
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 One day seminar on “Research in Institute of Science Nagpur: RETROSPECT AND PROSPECTS” 7th October 2006 at Institute of Science, Nagpur, Maharashtra, India.
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 “State Level Conference on Environment- 2007” organized by Shri Shivaji Arts, Commerce and Science Collage, Akola and Team to Restore the Entire Environment (TREE) on 4th February 2007 at Akola, Maharashtra, India.



#### **Extra-academic Activities:**

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 Coordinator of Carrier Oriented Programme on “Freshwater Fish Culture”.



#### **Magazines & Journals Edited:**












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 Worked as an Editor for the Handbook released on the Occasion of “National Workshop on Spider Diversity in Mahendri”, Held At “M F Mahavidyalaya, Warud”, Amravati.













#### **Previous Positions**

- 
 Assistant Professor in Zoology, Government Elphinstone Collage Fort Mumbai-32 in the year 2005-06
- 
 Assistant Professor in Zoology, Government Institute of Science Nagpur in the year 2006




#### **Paper published**

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 Talwar, S., Majagi, S. H., Katepaga, V., Bodkhe, A. & Kamble, S. (2019). First record of *Hersilia scrupulosa* Foord & Dippenaar-Schoeman, 2006 (Araneae: Hersiliidae) from Asia. *Serket* **17**(1): 32-38.
- 
 Talwar, S., Majagi, S., **Bodkhe, A.** & Kamble, S. (2018). New report of genus *Euryeidon* Dankittipakul & Jocque 2004 from India (Araneae: Zodariidae) with description of two new species. In: Rao, P. N., Saxena, A., Pandey, B. N. & Kulkarni, G. K. (eds.) *Biodiversity and bioprosects: Indian scenario and perspectives*. Today & Tomorrow's Printers and Publishers, New Delhi, pp. 67-79.




-  Talwar, S. S., Majagi, S. H., Vijaykumar, K., **Bodkhe, A. K.** & Kamble, S. S. (2017). First record of genus *Cyrba* Simon, 1876 from India (Araneae: Salticidae). *Serket* **15**(3): 138-142.
-  Pawaria, S., **Bodkhe, A.**, Kamble, S., Uniyal, V. & Talwar, S. (2018). A new spiderspecies *Sphingius delakharae* sp. n. (Araneae: Liocranidae) from Delakhari, Chhindwara District, Madhya Pradesh, India. In: Rao, P. N., Saxena, A., Pandey, B. N. & Kulkarni, G. K. (eds.) *Biodiversity and bioprosects: Indian scenario and perspectives*. Today & Tomorrow's Printers and Publishers, New Delhi, pp. 161-171.
-  Kamble, S. S., **Bodkhe, A. K.**, Sarkar, I. D. & Kale, S. S. (2018). First record of *Pritha nana* Simon, 1868 (Araneae: Filistatidae) from India. In: Rao, P. N., Saxena, A., Pandey, B. N. & Kulkarni, G. K. (eds.) *Biodiversity and bioprosects: Indian scenario and perspectives*. Today & Tomorrow's Printers and Publishers, New Delhi, pp. 145-154.
-  Gawande, B. & **Bodkhe, A.** (2018). Description of spider genus *Scopoides* as a new species (Araneae: Gnaphosidae) from Wari Reserve Forest Area, Maharashtra, India. In: Rao, P. N., Saxena, A., Pandey, B. N. & Kulkarni, G. K. (eds.) *Biodiversity and bioprosects: Indian scenario and perspectives*. Today & Tomorrow's Printers and Publishers, New Delhi, pp. 223-228.
-  Dhande, S. S., **Bodkhe, A. K.**, Ahmad, R. I. & Kamble, S. S. (2017). First record of male *Cyrtophora citricola* Forsskål (Araneae: Araneidae) from India. *Trends in Biosciences* **10**(24): 5234-5238.
-  Dhande, S. S., **Bodkhe, A.** & Ahmad, R. I. (2017). Description of a new spider species in the genus *Cyclosa* (Araneae- Araneidae) from India. *Trends in Biosciences* **10**(20): 3825-3831.
-  **Bodkhe, A.**, Uniyal, V., Kamble, S., Manthen, S., Santape, G. & Chikhale, M. (2017). A new species, *Pandava aruni* (Araneae: Titanoecidae) from Lonar Crater Sanctuary, India. *Serket* **15**(3): 119-123.
-  Talwar, S. S., Majagi, S. H., Vijaykumar, K., **Bodkhe, A. K.** & Kamble, S. S. (2017). First record of genus *Cyrba* Simon, 1876 from India (Araneae: Salticidae). *Serket* **15**(3): 138-142.
-  **Bodkhe, A. K.**, Uniyal, V. P. & Kamble, S. S. (2016a). First record of genus *Hypsosinga* Ausserer, 1871 from India with description of *Hypsosinga satpuraensis* sp. n. (Araneae: Araneidae). *Serket* **15** (2): 92-96.
-  **Bodkhe, A. K.**, Uniyal, V. P. & Kamble, S. S. (2016b). New spider species of genus *Cambalida* (Araneae: Corinnidae) from Satpura Landscape (MP), India. *Serket* **15**(2): 97-103.
-  **Bodkhe A. K.**, S. V. Manthen & V. P. Uniyal (2015) First record of Theridion melanostictum O.P.-Cambridge, 1876 (Araneae: Theridiidae) from India. *Serket* **14**(3): 111-115.

-  **Bodkhe A. K.** and S. V. Manthen (2015) A new species of the genus *Dolichognatha* O. P. Cambridge, 1869 (Araneae: Tetragnathidae) from India. *The Indian Journal of Arachnology* 4(1): 26-29.
-  Hadole P. S. Kamble, S. Manthen and **A. Bodkhe** (2015) Precinctive spider species in India. *The Indian Journal of Arachnology* 4(1): 64-130.
-  **Bodkhe A. K.** and S. V. Manthen (2014) A new record of the family Phrurolithidae Banks, 1982 (Arachnida: Araneae) from India. *Indian Journal of Arachnology*, 3(2); 82-89.
-  **Bodkhe A. K.**, S. V. Manthen and A. Tanikawa (2014) A new species of *Dyschiriognatha* (Araneae: Tetragnathidae) from India. *The Indian Journal of Arachnology*, 3(1):28-34.
-  Chikhale M. P., G. B. Santape and **A. K. Bodkhe** (2013) Some observations on burrow architecture of burrowing spider *Geolycosa* Montgomery, 1904 (Araneae, Lycosidae) at Vairat, Melghat Tiger reserve, Maharashtra, India. *Indian Journal of Arachnology*, 2(2): 34-38
-  **Bodkhe A. K.** and G. N. Vankhede (2012) On two new species of spiders of the genus *Oxyopes* Latreille from Central India (Arachnida: Araneae: Oxyopidae). *The Indian Journal of Arachnology* 1(1): 150-155.
-  R. V. Hippargi, N. V. Shah, K.V.Rao, P. M. Bolde, S.V.Manthen, **A. K. Bodkhe** (2011) Color Change Behavior of Spider *Gea* Spp. (C L Koch, 1843) from Grassland Ecosystem of Solapur, Maharashtra. E- International Scientific Research Journal. 3(1): 5-10.
-  Hippargi, R. V., **A. K. Bodkhe**, M. P. Chikhale, G. B. Santape, R. M. Behere, P. M. Bolde, S. Manthen, K. R. Rao, N. V. Shah (2011) Spider (Arachnida: Araneae) Families of Three Ecosystems of Maharashtra, India. E- International Scientific Research Journal. 3(1): 23-33.
-  **Bodkhe A. K.** (2010) Spider diversity in Lonar crater sanctuary and a new species of *Araiamnes* (Araneae: Theridiidae) from India. 18th International Congress of Arachnology in Siedlce, Poland.
-  **Bodkhe A. K.** (2010) Spider fauna from proposed Mahendri Wild Life Sanctuary. 18th International Congress of Arachnology in Siedlce, Poland.
-  Chikhale M. P., **Bodkhe A. K.** & Santape G. B. (2010) Diversity of spiders in coffee plantation of Chikhaldara, Amaravati, Maharashtra. Proceeding of National symposium cum workshop on Arachnology with reference to spiders.
-  Pohekar P, Chikhale N. J, **Bodkhe A. K.**, Chikte. S & Dhande R. S. (2010) Antigenicity prediction of lactrodectin from *Lactrodectus tredecimguttatus* for possibilities in drug development. Pre Conference Proceeding NCTPST. 56-61



-  **Bodkhe A. K.** (2009) Checklist of Spider from Lonar Crater Sanctuary. Indian Journal of Arachnology. 2(II) 9-13
-  **Bodkhe A. K.** (2008) Five new oxyopid species from India. Indian Journal of Arachnology 1(1): 1-7
-  **Bodkhe A. K.** (2004) Ichthyofaunal study of river Tapi flowing through Melghat Tiger Reserve. Amaravati University Research journal I(I)

#### References:

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Regards



(Dr. Atul K. Bodkhe)