

CURRICULUM VITAE

DR. ADIL BASHIR SHAH

Personal Details

Name : Dr Adil Bashir Shah
Father's name : Mr. Bashir Ahmad Shah
Date of Birth : March, 02, 1987
Nationality : Indian
Language known : English, Arabic ,Urdu, Hindi, Kashmiri

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I. Academic Qualification

Degree	University	Specialization	Subject/s	Completed
Ph. D	Vector control Research Centre, (INDIAN COUNCIL OF MEDICAL RESEARCH), affiliated to Pondicherry Central University, Pondicherry, India).	Medical Entomology (Vector Borne Disease)	Biology(Zoology)	2017
M. Sc	School of studies in Zoology and Biotechnology, Vikram University Ujjain, Madhya Pradesh., India.	Molecular biology, Cell biology, Genetics, Vector Ecology, Developmental Biology	Biology(Zoology)	2010
B.Sc	University of Kashmir, India	Molecular biology, Cell biology, Genetics, Vector Ecology. Invertebrate and vertebrate Biology, Developmental Biology	Biology	2008

II . IT Skills

Operating systems: Windows 98, 2000, XP, Vista, MS Office tools: Excel, Origin 6.1, MS-office, ChemDraw, ChemSketch, MarvinSketch, HyperChem, MestReNova-9.0.1- 13254, AutoDock 4.2 and other user-friendly programs, Curvefit, Enzfitt programme, Corel Draw used in scientific research.

III. Areas of Interest/Specialization:

- Medical Entomology, Epidemiology.
- Vector Borne Diseases, infection diseases.
- Dengue, Chikungunya, Malaria, Filariasis, Leishmaniosis, Epidemiology of vectors, Parasitology of Vectors.
- Molecular Biology about vectors and vector Borne Diseases, DNA Barcoding.
- Ecology, Biochemistry, Cell Biology, Molecular Biology, Embryology, Genetics.
- Pathology, Ichthyology (Fisheries), Limnology. Immunology, Endocrinology, Toxicology.
- Parasitology of Animals, Anatomy and Physiology, -Principle of zoology, Animal diversity – Invertebrates and vertebrates

Ph.D work

I have completed my Ph.D. degree, related to Vector Borne Disease, My area of research interest during Ph.D., is related to eco-dynamics of mosquito vectors in the rubber plantations of Kerala, India, I also worked Molecular change in Vector Borne Diseases like, Malaria, Dengue, Chikungunya, Leishmaniosis and other vector Borne Diseases and acquired good experience in the same field.. Surveyed the mosquitoes population even in remote areas. Good experience in mosquito colony maintenance and techniques related to identification of mosquitoes.

I carried out in vitro and in vivo studies using various cellular and molecular techniques such as, Mosquitoes DNA Barcoding, ELISA techniques, Immunocytochemical, Histochemical, Flow cytometric analysis, DNA, RNA extraction and real-time PCR techniques, Protein blotting, and so on. I have self-sufficient, excellent communication, writing and data interpretation skills. I have the ability to work independently and independent scientific research investigations. Also trained in the area of data maintenance analysis handling of different laboratory equipment's and disposal of hazards of Bio-Medical wastes and great motivation, enthusiasm and initiative for carrying out scientific research.

IV. Paper presentations/ Seminars/Workshops Attended:

1. Participated in scientific events, **sponsored by M.P council of science and technology, Bhopal, December 9, 2009.**

2. National workshop on New Horizons in Biotechnology, School of studies in Zoology and Biotechnology, **sponsored by Vikram University Ujjain, Madhya Pradesh, 11 and 12 March, 2010.**
3. Participated in essay competition, **sponsored by M.P council of science and technology, Bhopal was awarded Consolation prize, March 23, 2010.**
4. Participated in Presentation on Generating Dengue risk map based on assessment of Entomological and Socio-environmental factors **sponsored by National Science Conference on science, society and sustainable development, PG Department of sericulture, Poonch Campus University of Jammu, 25-26 November 2017.**
5. Participated and Presentation a paper in **International conference Presentation on Ecology of the *Platynectes* sp. nov., Predator to Dengue and Chikungunya vectors in the rubber plantations of Kerala, India sponsored** by International Conference on Science, Technology and Social Humanities on the topic “Current Challenges and Future Perspectives of Science, Technology and Social Humanities” scheduled to be held on February 26th – 28th, 2018 Department of Zoology, School of Life Sciences, Dr. B.R. Ambedkar University, Khandari Campus, Agra.
6. Participated and Presentation a paper on Beat Plastic pollution in one day National seminar on Himalayan Environment, Ecosystem Services and Rural Livelihood **sponsored by Department of Geography Bhaderwah, Campus University of Jammu, 05 June , 2018.**

V. Publications and Reviewed Publications

International from Ph. D. studies.

1. Kumar, N.P., **Bashir, A.**, Abidha, S., Sabesan, S. and Jambulingam, P. (2014). Predatory potential of *Platynectes* sp. (Coleoptera: Dytiscidae) on *Aedes albopictus*, the vector of dengue/chikungunya in Kerala, India. ***Tropical Biomedicine* 31(4): 736–741. ISSN 2521-9855.**
2. **Adil Bashir, N.** Pradeep Kumar, Anisa B. Khan,(2017). Climatic factors influences the ecology of the *Platynectes* sp. nov. Predator to the Dengue and Chikungunya

vectors in the rubber plantations of Kerala, India. **International Journal of Zoology Studies** 2(5): 68-77. ISSN: 2455-7269.

3. **Adil Bashir**, N. Pradeep Kumar, Anisa B. khan (2018). Description of a new species, *Platynectes 'sahyadrensis'* sp. nov. (Coleoptera: Dytiscidae), predatory to the important vector species, *Ae. albopictus* (Diptera: Culicidae) from the foothills of the Western Ghats, Kerala, India., **Biomedical Journal of Scientific and technical Research**, Feb.2021. Volume 2- Issue 3: 2018. ISSN: 2574-1241.
4. **Adil Bashir**, Saima Syed, N. Pradeep Kumar, Sheikh Afaq Gowhar (2020). Breeding habitats of *Platynectes* sp. nov. (Coleoptera: Dytiscidae), Predatory to *Stegomyia albopicta* and *Stegomyia aegypti* in the Rubber Plantations of Kerala, India. **European Journal of Pharmaceutical and Medical Research**. 2020,7(5), 504-513. ISSN 2394-3211.
5. **Reviewer of Journal- The Coleopterists Bulletin Journal (USA).**
6. Distribution of Wolbaichia strains in *Stegomyia albopicta*, Vector of dengue and chikungunya in Kerala, India (**Communicated to Journal of Molecular Biology**).
7. Genetic polymorphism of *Stegomyia albopicta*, Vector of dengue and chikungunya in Kerala, India (**Communicated to Journal of Molecular and veterinary Entomology**).

VI. Teaching Experience: 4 years

Working as Tenured Assistant Professor at Department of Zoology Govt. Degree colleges in Jammu and Kashmir currently.

1. Worked as Tenured Assistant Professor at Department of Zoology PG. Govt. Degree college Baderwah from 03/08/2017 to 22/06/2018.
2. Worked as Tenured Assistant Professor at Department of Zoology Govt. Degree college for women, pulwama from 16/08/2017 to 16/08/2018.
3. Working as Tenured Assistant Professor at Department of Zoology Govt. Degree college for wome, pulwama from 16/08/2017 31/08/2021 .
4. Working as contractual Assistant Professor at Department of Zoology Govt. Degree college Pampore, pulwama from 14/08/2021 to 26/12/2021 .

VII. Experience in Administrative Positions

1. UG. Examination Supervisor semester-1, semester-3 and semester-5th, at PG Govt. Degree College Bhaderwah for the session October-November 2017.
2. PG. Examination Supervisor semester-1 semester-3 and semester, at PG Govt. Degree College Bhaderwah for the session October-November 2017.
3. UG. Examination Supervisor semester-1, semester-3 and semester-4th, at Govt. Degree College women, pulwama for the session October-November and December 2018.
4. UG. Examination Supervisor semester-2, semester-3 and semester-4th and 5th, at Govt. Degree College women, pulwama for the session October-November and December 2019.
5. B. ED . Examination Supervisor semester-1, semester-3 and semester-4th, at Govt. Degree College women, pulwama for the session October-November and December 2019.
6. PG. Examination Supervisor semester-1 semester-3, at PG Govt. Degree women's, pulwama for the session October-November 2018.
7. UG. Examination Supervisor in all semesters, at Govt. Degree College women, pulwama for the session October-November and December 2019 2020.
8. UG. Examination Supervisor semester-5th semester , at Govt. Degree College women, pulwama for the session April 2021.
9. UG. And PG, Examination Supervisor, at Govt. Degree College women, Pampore, pulwama for the session 2022.
- 10.

VIII. I have 6 months Post Ph.D research experience in molecular biology in vector borne diseases.

IX. Academic References

1. Dr. N. Pradeep Kumar

Scientist "G"

Vector Control Research Centre, Puducherry, India

(Indian Council of Medical Research, Govt. of India)

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E-mail: kumar.dr.n.pradeep@gmail.com

2. Dr. S. Sabesan

Scientist "G"

Vector Control Research Centre, Puducherry, India

(Indian Council of Medical Research, Govt. of India)

Contact No: +91 943255377

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3. Dr. Bilal Ahmad Bhat

Associate Professor Department of Zoology

University of Kashmir

Email: bilalwildlife@gmail.com

Declaration:

I hereby solemnly declare that the above furnished particulars are true to the best of my knowledge and belief. (DR ADIL BASHIR).

Place: Srinagar, Jammu and Kashmir, India.