




DESHBANDHU COLLEGE

(UNIVERSITY OF DELHI)

KALKAJI. NEW DELHI - 110019

Title	Dr.	First Name	Sunil	Last Name	Kayesth	Photograph
Designation		Assistant Professor				
Address		C-772, JVTS Garden, Chatterpur Extension, New Delhi-110072.				
Phone No. Office						
Residence		9871828607				
Mobile		9354005475				
Email		kayesth@yahoo.co.in				
Web-Page						
Educational Qualifications						
Degree		Institution			Year	
Ph.D.		Department of Zoology, University of Delhi, Delhi-110007.			2016	
M.Phil.		NA			NA	
PG		Department of Biosciences, MDU Rohtak, Haryana-124001.			1999	
UG		AIJHM College, MDU Rohtak, Haryana-124001.			1997	
Any other qualification		NA			NA	
Career Profile						
<ol style="list-style-type: none"> 1. PGT Biology at Triveni Memorial Senior Secondary School, Bahadurgarh, Haryana from January 2000 to 7th October, 2005. 2. Assistant Professor in Department of Zoology, Deshbandhu College, University of Delhi, Delhi from 9th November to till date 						
Administrative Assignments						
<ul style="list-style-type: none"> ➤ Admission in -charge for Life Sciences in 2006, 2007 and 2008 ➤ Member of cultural committee 2008 -2009 and 2009 -2010 ➤ Time Table In-charge for Science courses 2009-10 and 2010-2011. ➤ Staff advisor for the departmental society function "CHIEMARA" in 2009-10 and 2016-2017. ➤ Convener of Proctorial Board in 2010-2011 and 2015-2016 sessions. ➤ Convener of Super NAAC Committee constituted by Governing Body, Deshbandhu College 2015-2016 ➤ One of six-member committee constituted by Hon'ble Chairman, Governing Body, to look into Electronic Library and Knowledge Management to develop E-infrastructure. ➤ Convener of Library committee 2016-2017, Ex-official member of Library committee 2017-2018. ➤ Member of staff council building and infrastructure maintenance committee 2015-2016. ➤ Member, Building Committee (Governing Body), 2016-2017, 2017-2018 and to till date to look into the major building project of the college. 						

- Nominated by the Hon'ble, Chairman, (Governing body) as a member, for the departmental Promotion Committee for consideration from senior assistant to Section Officer.
- Worked as a Teacher representative on Governing Body of the College member of Governing body from 12-08-2015 to 11-08-2016.
- Discipline In-charge, to conduct DUSU and College Union Election, 2015-2016.
- Discipline In-charge for the college annual cultural Festival, SUBRANG 2015-2016 and 2016-2017.
- Convener, Canteen Committee 2018-2019.
- Admission for Zoology Honors in 2017-2018.
- Teacher-in-charge in Department of Zoology, w-e-f May 1, 2017 to till date.

Areas of Interest/Specialization

Biochemistry and Immunology

Entomology: Insect reproductive physiology and behavior.

Subjects Taught

S. No	Class/ Course	Subject	
1	B. Sc Zoology Honors II nd Year	Biochemistry and Immunology	
2	B. Sc Zoology Honors III rd Year	Evolutionary Biology	
3	B. Sc Life Science II nd Year	Biochemistry	
4	B. Sc Life Science III rd Year	Parasitology	

Research Guidance NA

List against each head (If applicable):

1. *Supervision of awarded Doctoral Thesis*
2. *Supervision of Doctoral Thesis, under progress*
3. *Supervision of awarded M.Phil. dissertations*
4. *Supervision of M.Phil. dissertations, under progress*

Publications Profile

List against each head (If applicable) (as Illustrated with examples)

- *Books/Monographs (Authored/Edited) NA*
- *Research papers published in Refereed/Peer Reviewed Journals*
- **1. Kayesth, S.,** Gupta, K.K., Shazad M., Kumar S. 2018. Effects of *Ocimum sanctum* hexane extracts on survival, longevity, growth and development of *Dysdercus koenigii* Fabricius (Heteroptera: Pyrrhocoridae), Archives of Phytopathology and Plant Protection, DOI: 10.1080/03235408.2018.1541148.

- 2. **Kayesth, S.,** Gupta, K. K. (2018). Impact of *Lantana camara* hexane extract on survival, growth and development of *Dysdercus koenigii* Fabricius (Heteroptera: Pyrrhocoridae). *Acta Ecologica Sinica.* 38(3),187-192. <https://doi.org/10.1016/j.chnaes.2017.12.002>.
- 3. Mohad Shazad, Kamal Kumar Gupta, **Sunil Kayesth**, Shailendra Kumar. 2018. Sub-Lethal Effects of Ethanol Extracts of *Ocimum sanctum* on Laboratory Bred Population of Dengue Mosquito *Aedes aegypti* L. (Diptera: Culicidae) for publication in *Vector Biology Journal* DOI:10.4172/2473-4810.1000128.
- 4. **Kayesth, S.,** Shazad, M., Kumar, S., Gupta, K.K. 2017. Effect of ethanol extract of *Catharanthus roseus*, *Ocimum sanctum* and *Lantana camara* on fecundity and fertility of red cotton bug, *Dysdercus koenigii* Fabricius (Heteroptera: Pyrrhocoridae) *Journal of Entomology and Zoology Studies.* 5(4):348-353.
- 5. **Sunil Kayesth** and K.K. Gupta., 2016. An Assessment of Antifeedant Potential and Cidal Activity of Plant Extracts on Fifth Instar Nymphs of Red Cotton Bug, *Dysdercus koenigii* Fabricius (Heteroptera: Pyrrhocoridae) *Journal of Entomology and Zoology Studies.* 4(4):416-422.
- *Research papers published in Academic Journals other than Refereed/Peer Reviewed Journals* NA
- *Research papers published in Refereed/Peer Reviewed Conferences* NA
- *Research papers Published in Conferences/Seminar other than Refereed/Peer Reviewed Conferences* NA
- *Other publications (Edited works, Book reviews, Festschrift volumes, etc.)* NA

Conference Organization/ Presentations

List against each head (If applicable)

Organization of a Conference:

Organized Fourth National Symposium on Environment: Green Technology for Environmental Sustainability", sponsored by 'Department of Environment' Govt. of NCT of Delhi, on 25th September, 2018 in Deshbandhu college, University of Delhi, Delhi-110019.

Participation as Paper/Poster Presenter

- 1. **Kayesth, S.,** Gupta, K.K. 2017 "Bioefficacy Of *Catharanthus Roseus* on Reproductive Performance of Red Cotton Bug, *Dysdercus Koenigii* (Heteroptera: Pyrrhocoridae), **ICE 2017: 19th International Conference on Entomology** held at Paris, France from October 19th to 20, 2017.
- 2. **Kayesth, S.,** Gupta, K.K. 2016. An assessment of Juvenomimic activity of *Catharanthus roseus* on growth and development of *Dysdercus koenigii* in XXV

International Congress of Entomology held at **Orlando, Florida, USA from September 25th to 30th 2016.**

3. Kayesth, K., Gupta, K.K. 2012. Influence of hexane extracts of *Ocimum sanctum* and *Catharanthus roseus* on longevity and reproduction of *Dysdercus koenigii* in ICER-2012, held at **Kuala Terengganu, Malaysia from 22 -24 November, 2012.**

Research Projects (Major Grants/Research Collaboration) NA

Awards and Distinctions


Qualified joint CSIR-UGC (NET) National Eligibility Test held on 27. 06. 2004.

Qualified SLET Haryana (State Level Eligibility Test) held on June 2004.

Association With Professional Bodies NA

- *Editing*
- *Reviewing*
- *Advisory*
- *Committees and Boards*
- *Memberships*
- *Office Bearer*

Other Activities


SUNIL KAYESTH

Signature of Faculty Member

- **Resume Attached**

CURRICULUM VITAE

Dr. SUNIL KAYESTH

Email: kayesth@yahoo.co.in

Contact: 9871828607, 8745022087



EDUCATIONAL CREDENTIALS

Ph.D. Entomology (2016) from University of Delhi, Delhi

M. Sc. Zoology (1999) from M.D.U. Rohtak, Haryana

AWARDS

Qualified joint CSIR-UGC (NET) National Eligibility Test held on 27. 06. 2004.

Qualified SLET Haryana (State Level Eligibility Test) held on June 2004.

ACADEMIC ACHIEVEMENTS

S. No	Year	Duration	Course/Symposium/Seminar/Conference	Organizers	Participation// Status
1	2006	Dec.20, to Jan. 9, 2006	Refresher Course in Life Sciences.	UGC-ASC	Participated
2	2007	Nov. 29 to Nov 30	National Symposium on New Frontiers in Cell Biology.	Deshbandhu College, DU.	Participated
3	2009	Nov. 30 to Dec 5, 2009	ILLL Workshop for Capacity Building of Delhi University Faculty.	University of Delhi	Participated
4	2010	July. 12 to Aug. 7	Orientation Programme (OR-63).	CPDHE, ILLL, DU.	Participated

5	2011	Feb. 09 to Feb. 11.	International Conference, "Recent Trends In Developing Bioremediation Strategies For HCH & Other Chlorinated Contaminants".	(DU) University of Delhi	Participated
6	2011	Nov. 01.	National Seminar, "Teaching Redefined Open Access to Education".	ANDC, DU.	Participated
7	2012	Oct.01 to 05, 2012	Inspire Internship Program.	Deshbandhu College and DST, Government of India	Member of Org. Comm. and Resource Person
8	2013	June 21.	National Symposium on Vector Biology And Vector Management.	Deshbandhu College, DU.	Participated
9	2013	June 27.	National Seminar On In Vitro Effect Of Medicinal Plant Extract Against Human Fungal Pathogen, <i>Candida albicans</i> ".	Ramjas College, DU.	Participated
10	2014	Oct. 8 to 12 Oct.	Inspire Internship Programme	Deshbandhu College, DU	Member Of Organizing Committee
11	2014	November 20 to 21	National Faculty Development Programme on <i>Research Methodology and Statistical Analysis</i>	Ramanujan College, DU	Participated
12	2014	November 5	National Symposium on Environment: Challenges and Awareness held on	Deshbandhu College, DU.	Member of Organizing committee

13	2015	February 12	National Symposium on Vector Biology and Vector Management	Deshbandhu College, DU	Member of Organizing Committee
14	2015	December 14 to 18	Inspire Internship Programme	Deshbandhu College, DU.	Member of Organizing Committee
15	2016	February 12	National Symposium on Reproductive Health in India: Concern and Awareness	Deshbandhu College, DU	Member of Organizing Committee
16	2016	March 19	Second National Symposium on Environment: Greener Future and Awareness	Deshbandhu college, DU.	Member of Organizing Committee
17	2017	Feb. 06 to Feb. 10.	Training Course on SPSS (Statistical Package for Social Sciences)	Delhi University Computer Centre.	Attended and Participated
18	2017	March 31, 2017	Third National Symposium on Environment: Challenges Generation Next, Greener Future and Awareness	Deshbandhu college, DU.	Member of Organizing Committee
19	2017	December 22 to 27	Inspire Internship Programme	Deshbandhu College, DU	Member of Organizing Committee
20	2018	June 07 to June 08	National Workshop on “Skill Development to Build a Clean India”	Deshbandhu College, DU	Member of Organizing Committee
21	2018	October 08 to November 02	Refresher Course on Biotechnology and Life Sciences	ASC- JNU, New Delhi	Participated and completed

FIELD OF SPECIALIZATION:

Biochemistry, Immunology and Entomology: Insect reproductive physiology and behaviour.

INTERNATIONAL CONFERENCE ATTENDED AND PARTICIPATED

- **Kayesth, S.,** Gupta, K.K. 2017 “Bioefficacy Of *Catharanthus Roseus* on Reproductive Performance of Red Cotton Bug, *Dysdercus Koenigii* (Heteroptera: Pyrrhocoridae), **ICE 2017: 19th International Conference on Entomology** held at Paris, France from October 19th to 20, 2017.
- **Kayesth, S.,** Gupta, K.K. 2016. An assessment of Juvenomimic activity of *Catharanthus roseus* on growth and development of *Dysdercus koenigii* in XXV International Congress of Entomology held at Orlando, Florida, USA from September 25th to 30th 2016.
- **Kayesth, K.,** Gupta, K.K. 2012. Influence of hexane extracts of *Ocimum sanctum* and *Catharanthus roseus* on longevity and reproduction of *Dysdercus koenigii* in ICER-2012, held at Kaula Terengganu, Malaysia from 22 -24 November, 2012.
- Gupta, K. K., **Kayesth, S.** 2013. Influence of plant extracts on development and reproductive bioactivities of *Dysdercus koenigii*, presented in International Chemical Ecology Conference (ICEC, 2013), held at Melbourne. 19-23 August, 2013.

ABSTRACT PUBLISHED

- **Kayesth, S.** and Gupta, K. K. 2014. Eco-friendly approach for the management of Red Cotton Bug *Dysdercus koenigii* by botanicals, World Academy of Science, Engineering and Technology Vol: 2, No:10.

PUBLICATIONS.

Kayesth, S., Gupta, K.K., Shazad M., Kumar S. 2018. Effects of *Ocimum sanctum* hexane extracts on survival, longevity, growth and development of *Dysdercus koenigii* Fabricius (Heteroptera: Pyrrhocoridae), Archives of Phytopathology and Plant Protection, DOI: 10.1080/03235408.2018.1541148.

- Mohad Shazad, Kamal Kumar Gupta, Sunil Kayesth, Shailendra Kumar. 2018. Sub-Lethal Effects of Ethanol Extracts of *Ocimum sanctum* on Laboratory Bred Population of Dengue Mosquito *Aedes aegypti* L. (Diptera: Culicidae for publication in Vector Biology Journal DOI:10.4172/2473-4810.1000128.
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- Kayesth, S., Shazad, M., Kumar, S., Gupta, K.K. 2017. Effect of ethanol extract of *Catharanthus roseus*, *Ocimum sanctum* and *Lantana camara* on fecundity and fertility of red cotton bug, *Dysdercus koenigii* Fabricius (Heteroptera: Pyrrhocoridae) Journal of Entomology and Zoology Studies. 5(4):348-353.
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RESEARCH ACTIVITY UNDERTAKEN

- Completed an Innovation Project (no. DBC-312) funded by University of Delhi, entitled “Optimizing conditions for synthesis of Nano fibres by self-assembly approach.” In 2017.

TEACHING EXPERIENCE

Assistant Professor at Deshbandhu College, Kalkaji, University of Delhi from 9th Nov. 2005- till date.

DUTIES PERFORMED IN DESHBANDHU COLLEGE

Contribution to corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities

- Admission in -charge for Life Sciences in 2006, 2007 and 2008
- Member of cultural committee 2008 -2009 and 2009 -2010
- Time Table In-charge for Science courses 2009-10 and 2010-2011.
- Staff advisor for the departmental society function “CHIEMARA” in 2009-10 and 2016-2017.
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- Worked as a Teacher representative on Governing Body of the College member of Governing body from 12-08-2015 to 11-08-2016.
- Member of SC/ST Cell constituted on February 09, 2016.
- Discipline In-charge, to conduct DUSU and College Union Election, 2015-2016.
- Discipline In-charge for the college annual cultural Festival, SUBRANG 2015-2016 and 2016-2017.
- Appointed Liaison Officer (SC / ST) of the College from June 05,2017 to till date.
- Convener, Canteen Committee 2018-2019.
- Admission for Zoology Honors in 2017-2018.
- Head of Zoology Department, w-e-f May 1, 2017 to till date.

PERSONAL DETAILS

Date of Birth	01. 02. 1972
Sex	Male
Nationality	Indian
Marital Status	Married
Permanent Address	C-772, J.V.T.S Garden Chatterpur Extension, New Delhi -110074

DECLARATION

I hereby certify that all the information provided here is correct to the best of my knowledge and belief and I promise to abide by all the norms laid down by your esteemed organization.



SUNIL KAYESTH

Dr. SUNIL KAYESTH

**Assistant Professor
Department of Zoology
Deshbandhu College
University of Delhi
Delhi-110019.**