

# Curriculum Vitae

**Name:** Soam Prakash

**Present Designation:** Professor in Zoology

**Address:** Environmental and Advanced Parasitology and Vector Control Biotechnology Laboratory and Quantum Biology and Biomedical laboratory. Department of Zoology, Faculty of Science and Centre for Consciousness Studies, DEI, Dayalbagh Educational Institute, Dayalbagh, Agra-282 005, India.



**Telephone Office:** +91-0562-2801545      **Fax:** +91- 0562-2801226

**Mobile No.:** +91-09319112307

**Email:** prakashsoamdei@gmail.com

**Date of Birth:** 16 January 1956 (Patna, India)

**Nationality:** Indian

**Field of Specialization:** Public Health Environmental Parasitology and Molecular Parasitology, Vector Control Biotechnology, Mosquito control, Systematics, Public Health services, Nanobiotechnology, Consciousness Studies and Biofield studies.

## Academic Qualifications

**M.Sc. (1978):** Zoology (Entomology), Kanpur University, Kanpur, U.P., India

**PhD (1988):** Dayalbagh Educational Institute, Agra, U. P., India

## THESIS TITLE

*“Studies on the Comparative Account of Intrahepatic Vascular Channel in Certain Indian Vertebrates with Special Reference to their Architecture”*

## Experience

- 2010 – till date** Professor in Zoology, Department of Zoology, Dayalbagh Educational Institute, Agra, India
- 2006** Associate Professor, Department of Zoology, Dayalbagh Educational Institute, Agra, India
- 2000** Reader in Zoology, Dayalbagh Educational Institute, Agra, India
- 1994** Senior Lecturer, Dayalbagh Educational Institute, Agra, India
- 1989** Lecturer in Department of Zoology, Dayalbagh Educational Institute, 1989.

- Total teaching experience in undergraduate and postgraduate courses: 30 years;
- Research experience: 35 years.

## Courses assigned

- Environmental Parasitology, Immunology, Microbiology, Advance Parasitology, Advance Techniques in Parasitology for M.Sc. (Zoology).
- Molecular Parasitology for M.Phil.
- Vector Control and Parasitology, Bioethics, Consciousness Studies in Man for Doctoral Studies (Ph.D.).

## Patent Applied

- **1281/DEL/2006** ‘A novel larvicide or insecticide’ referred as 10 Hottest Patents Filled in India in 2006 declared by Ford Foundation in 2007.

## Awards and Honours

- 2015** Listed one of the Top 100 Scientists of the year recognized by International Biographical Centre. Cambridge, England. U.K. in 2015.
- 2015** IASR announced Namita Soni and Soam Prakash among World’s 500 Most Influential Biotechnologists for Year 2015 on Earth. They earned **Ronald Ross Award-2015** in Vector Control Biotechnology for the paper "Different geometrical AgNPs for vector control and their added value of antibacterial activity" published in Journal of Parasitology.
- 2012** Plenary lecture and chair opening session on Vector Control in 2012 in Anna University, Chennai, Tamil Nadu, India.
- 2011** Plenary lecture at Chennai in 2011 In Congress of Parasitology, acted as jury for Young Scientist Award

- 2006**     **Scientist of the Year** Award for 2006 by National Environmental Science Academy.
- 2006**     Chaired a session with Dr. D. Lobo, Regional Director, WHO in the Annual Conference of the Indian Society for Malaria and other Communicable Diseases 11<sup>th</sup> – 13<sup>th</sup> February, 2006 at Central JALMA Institute for Leprosy & Other Mycobacterial Diseases (ICMR) Agra. He has also delivered a lecture on the topic “Chitinase in Vector Control: An Analysis” in that conference.
- 2005**     **Golden Man of the Year** Award by the International Success Awareness Society, New Delhi India, 2005. at New Delhi.
- 2005**     **“Vijay Ratan” Year** Award by the India International Friendship Society, New Delhi, 2005 at Cannought Hotel New Delhi after acknowledging his service in Science as well as in Society.
- 1994**     **Best Teacher Award** at I.I.Sc. Bangalore in 1994 in orientation programme 1986.
- 1986**     **Best research paper** presented in NESa in 1986 in a National convention.  
Invited lecture on **“Nanotechnology: A Possible Future Vector Control Technology”** in 24<sup>th</sup> congress of Parasitology in Jabalpur, M.P., India.
- Member of editorial board of international journal “Cell Communications”
  - Member of editorial board of international journal “The Scientific World Journal”

#### LIST OF Ph.D GUIDED

Name of Research Scholars	Year of Award of PhD	Area of Research
1. Dr. Shabd Preet	1998	Cysticercosis in Rat
2. Dr. S.S. Mohanty	2002	Fungal control of Mosquitoes
3. Dr. Priyanka	2004	Fungal metabo for Biotech
4. Dr. Neetu Vyas	2008	Fungal toxins for mosquito control
5. Dr. Gavendra Singh	2008	Mosquito systematics and resistance
6. Dr. Namita Soni	2012	Nanoparasitology - vector control biotechnology

7.	Dr. T. Prem Saran	2012	Listeria Biofilm studies
8.	Richa	Ongoing	Biofield and evolution in animals.
9.	Shweta Yadav	Ongoing	Nanoparasitology- vector control biotechnology
10	Savy Panamkuttiyiel Minal	Ongoing	Nanoparasitology- vector control biotechnology

**M.Phil. Student guided in Zoology** - 2+2+3+5+2+2+1+1 = 18

**M.Sc. Dissertation guided in Zoology** - More than 60

**LIST OF PUBLICATIONS (INTERNATIONAL/NATIONAL)**

**FROM YEAR 2000-2016**

**Total IF= 32.711**

**Total Citation index= 138 (Google scholar)**

S. No	Title of the paper	Names of authors	Journal	Year of publication	Impact factor	Citation
1	Bio-nanoparticles: an eco-friendly approach for mosquito control and antimicrobial	Namita Soni and Soam Prakash	The Journal for Nanotechnology: PHOTON 105 (2016) 138-152	2016	--	--
2	Role of electric and magnetic energy emission in intra and interspecies interaction in microbes.	Richa, D.K. Chaturvedi and Soam Prakash.	American Journal of Research Communication, Vol 4(12): 1-22.	2016		
3	The consciousness in mosquitoes.	Richa, D.K. Chaturvedi and Soam Prakash.	Journal of mosquito research. Vol 6 (34) 1-9	2016		
4	The Conscious Behavior of	Richa, C. Sheeba and	Advances in science,	2016	0.987	



6	Green Nanoparticles for Mosquito Control.	Namita Soni and Soam Prakash	The Scientific World Journal. Vol: 2014(496362) 1-6	2014	1.730	--
7	Silver nanoparticles: a possibility for malarial and filarial vector control technology	Namita Soni and Soam Prakash	Parasitology Research.	2014	2.852	--
8	Microbial synthesis of spherical nanosilver and nanogold for mosquito control	Namita Soni and Soam Prakash	Annals of Microbiology 64:1099–1111	2014	0.990	
9	New Prospective on Fungal Pathogens for Mosquitoes and Vectors Control Technology.	Gavendra Singh and Soam Prakash	Journal of Mosquito Research. Vol 4(7) 36-52	2014	--	--
10	Study on Liquid Chromatography and Mass Spectrometry of Memnoniella echinata Metabolites against Vector of Dengue and Chikungunya."	Gavendra Singh and Soam Prakash	Austin Chromatography. Vol 1(3)6	2014	--	
<b>2013</b>						
11	Possible mosquito control by silver nanoparticles synthesized by soil fungus ( <i>Aspergillus niger</i> 2587)	Namita Soni and Soam Prakash	Advances in Nanoparticles. Vol 2:125-132	2013		

12	Silver nanoparticles embedded fungal metabolites against <i>Culex quinquefasciatus</i> .	Namita Soni and Soam Prakash	Advance Science, Engineering and Medicine. Vol 5:1-7	2013		
13	Fungus generated novel nanoparticles: a new prospective for mosquito control	Namita Soni and Soam Prakash	International Journal of Recent Scientific Research.Vol.4(10)1481-1487	2013		
<b>2012</b>						
14	Fungal-mediated nano silver: an effective adulticide against mosquito	Namita Soni, Soam Prakash	Parasitology Research.Vol:111 (2091–2098)	2012	2.893	-
15	Larvicidal effect of <i>Verticillium lecanii</i> metabolites on <i>Culex quinquefasciatus</i> and <i>Aedes aegypti</i> larvae	Namita Soni, Soam Prakash	Asian Pacific Journal of Tropical Disease. (2012)220-224	2012	Else vier	-
16	Efficacy of fungus mediated silver and gold nanoparticles against <i>Aedes aegypti</i> larvae.	Namita Soni and Soam Prakash	Parasitology Research. Vol 110:175–184	2012	2.149	-
17	Synthesis of gold nanoparticles by the fungus <i>Aspergillus niger</i> and its efficacy against mosquito larvae	Namita Soni, Soam Prakash	<i>Reports in Parasitology. Vol 2:1-7</i>	2012	2.649	

18	Entomopathogenic fungus generated nanoparticles for enhancement of efficacy in <i>Culex quinquefasciatus</i> and <i>Anopheles stephensi</i> larvae.	Namita Soni	Asian Pacific Journal of Tropical Disease S356-S361	2012	Else vier	-
19	Microbial Systems Biology: A Road Less Travelled	Prem Saran T and Soam Prakash	American Journal of Microbiology. 3 (1): 1-6, 2012	2012	SCI	-
20	Time-dependant gene expression pattern of <i>Listeria monocytogenes</i> J 0161 in biofilms	Prem Saran T and Soam Prakash	Journal of Advances in Genomics and Genetics, Dove Press. (2) 1–18	2012		
21	Expression of virulence genes by <i>Listeria monocytogenes</i> J 0161 in natural environment	Prem Saran T and Soam Prakash	Brazilian journal of microbiology. 834-843	2012		
22	Antibiotic resistance in co-culture biofilm of <i>Listeria monocytogenes</i> J 0161	Prem Saran T and Soam Prakash	American journal of microbiology. 3 (1): 7-17, 2012	2012		
23	Lethal effect of <i>Streptomyces citreofluorescens</i> against larvae of malaria, filaria and dengue vectors	Gavendra Singh, Soam Prakash	Asian Pacific Journal of Tropical Medicine. Vol 5(8):594-7	2012	0.93	



24	Evaluation of culture filtrates of <i>Culicinomyces clavisporus</i> : Mycoadulticide for <i>Culex quinquefasciatus</i> , <i>Aedes aegypti</i> and <i>Anopheles stephensi</i> .	Gavendra Singh, Soam Prakash	Parasitology Research. Vol:110(1)267-272	2012	2.893	5
25	Lethal Effects of <i>Aspergillus niger</i> against Mosquitoes Vector of Filaria, Malaria, and Dengue: A Liquid Mycoadulticide	Gavendra Singh, Soam Prakash	The ScientificWorld Journal Vol 2012(603984) 5	2012	--	--
<b>2011</b>						
26	Efficacy of the <i>Trichophyton ajelloi</i> and <i>Lagenidium giganteum</i> metabolites against mosquitoes after flash chromatography	Gavendra Singh Soam Prakash	Parasitology Research. 110, Issue 5, pp 2053-2060	2011	2.893	
27	Studies on Fungal Cultural Filtrates against Adult <i>Culex quinquefasciatus</i> (Diptera: Culicidae) a Vector of Filariasis	Gavedra Singh, Soam Prakash	Journal of Parasitology Research Vol 2011: Article ID 147373, 1-5	2011	SCI	1
28	<i>Aspergillus Niger</i> Metabolites Efficacies Against the Mosquito Larval	Namita Soni and Soam	American Journal of Microbiology. 2 (1): 15-20, 2011	2011	SCI	

	( <i>Culex quinquefasciatus</i> , <i>Anopheles Stephensi</i> and <i>Aedes Aegypti</i> ) Population after Column Chromatography	Prakash				
30	Efficacy of fungus mediated silver and gold nanoparticles against <i>Aedes aegypti</i> larvae	Namita Soni, Soam Prakash	Parasitology research. DOI 10.1007/s00436- 011-2467-4	2011	2.89 3	-1
31	Expression of chitinase and chitin binding proteins (CBP's) by <i>Listeria</i> <i>monocytogens</i> J0161 in biofilms and co- culture broths	Prem Saran T and Soam Prakash	African journal of microbiology. 5(29), pp. 5188- 5193	2011	0.93 3	
32	Haematological profile in <i>Rattus</i> <i>norvegicus</i> during experimental cysticercosis	Shabd Preet, Soam Prakash	Journal of Parasitic Diseases. 35 (2): 144-147	2011	SCI	1
<b>2010</b>						
33	Efficacy of <i>Lagenidium</i> <i>giganteum</i> (Couch) metabolites for control <i>Anopheles</i> <i>stephensi</i> (Liston) a malaria vector	Gavendra Singh, Soam Prakash	Malaria Journal. , 9(Suppl 2):P 46- 47	2010	3.85 9	5

34	Effect of <i>Chrysosporium keratinophilum</i> metabolites against <i>Culex quinquefasciatus</i> after chromatographic purification.	Namita Soni, Soam Prakash	Parasitology Research. 107:1329–1336	2010	2.89 3	8
35	Pathogenicity of <i>Fusarium oxysporum</i> against the larvae of the <i>Culex quinquefasciatus</i> and <i>Anopheles stephensi</i> in laboratory	Soam Prakash, Gavendra Singh, Namita Soni, Sweta Sharma	Parasitology Research. Vol- 107:651–655	2010	2.89 3	11
36	Efficacy of <i>Chrysosporium tropicum</i> metabolite against mixed population of adult mosquito ( <i>Culex quinquefasciatus</i> , <i>Anopheles stephensi</i> , and <i>Aedes aegypti</i> ) after purification with flash chromatography.	Preeti Verma, Soam Prakash,	Parasitology Research. Vol 107(1) 163-166	2010	2.89 3	10
37	Fungi <i>Beauveria bassiana</i> metabolites for controlling of Malaria and Filaria in tropical countries	Gavendra Singh, Soam Prakash	Advances In Biomedical Research, Cambridge press. pp 238-242	2010		4
38	Comparative efficacy and pathogenicity of keratinophilic soil fungi against <i>Culex quinquefasciatus</i>	Suman Sundar Mohanty, Soam	Indian Journal of Microbiology. Vol:50(3) 299-302	2010	0.9	5

	larvae	Prakash				
<b>2009</b>						
39	Gokilaht®-S 5EC testing on <i>Culex quinquefasciatus</i> Say larvae for an early detection in esterase and monooxygenase resistance system	Gavendra Singh, Soam Prakash	Parasitology Research, 104(5)1087-1091.	2009	2.873	
40	Efficacy of <i>Bacillus sphaericus</i> against larvae of malaria and filarial vectors: an analysis of early resistance detection	Gavendra Singh, Soam Prakash	Parasitology Research. Vol: 104(5) 1087-1091	2009	2.893	2
41	Laboratory and field evaluation of the fungus <i>Chrysosporium lobatum</i> against the larvae of the mosquito <i>Culex quinquefasciatus</i>	Suman Sundar Mohanty, Soam Prakash	Parasitology Research. Vol 102 (5) 881-886	2009	2.893	10
42	Effects of culture media on larvicidal property of secondary metabolites of mosquito pathogenic fungus <i>Chrysosporium lobatum</i> (Moniliales: Moniliaceae)	Suman Sundar Mohanty, Soam Prakash	Acta Tropica. Volume 109, Issue 1, January 2009, Pages 50–54	2009	2.893	15
43	Comparative efficacy and pathogenicity of keratinophilic soil	Suman Sundar Mohanty,	Indian Journal of Microbiology. Vol :50(3)299-302	2009	2.846	10

	fungi against <i>Culex quinquefasciatus</i> larvae	Soam Prakash				
44	Evaluation of mosquito repellent efficacy of <i>Oscimum sanctum</i> plant extracts.	Singh S., Mahour, K., Prakash Soam	Journal of Herbal Medicine and Toxicology, Vol 3 (1) 87-90	2009	-	-
<b>2008</b>						
45	Ultrastructure of Wing Scales in Adult Mammophilic Vector <i>Culex quinquefasciatus</i> (Say) in a Semi-arid Zone	Gavendra Singh, Soam Prakash	Journal of Entomological Research Society. Vol 10 (2)	2008	SCI	3
46	A new species of genus <i>Lutzia</i> (Diptera: Culicidae) comparable with <i>halifaxii</i> Theobald 1903 in a semi-arid zone of India. Proceeding Book Vectors and Vector borne diseases.	Gavendra Singh and Soam Prakash	Vector borne diseases: Epidemiology and control	2008	SCI	1
<b>2007</b>						
47	Envisaging paradigm and direction for vector control: a strategy through fungal Chitinase.	Soam Prakash	Proceedings of the International Conference on Environmental Parasitology and Community Health Care Initiatives 13-15 October 2007,			

			55-54pp			
48	A new species of <i>Stegomyia</i> in semi-arid zone.	Gavendra Singh and Soam Prakash	Proceedings of the International Conference on Environmental Parasitology and Community Health Care Initiatives 13-15 October 2007, 142-146pp			
49	Efficacy of <i>Lagenidium giganteum</i> metabolites on mosquito larvae with reference to nontarget organisms	Vyas N, Dua KK, Prakash Soam	Parasitology Research. Vol 101 (2):385-390			
50	Comparative efficacy of secondary metabolites of <i>Leginidium giganteum</i> (Couch) against two major mosquito vector in India.	Neetu Vyas, K.K. Dua and Soam Prakash	Proceedings of the International Conference on Environmental Parasitology and Community Health Care Initiatives 13-15 October 2007, 155-157pp			
<b>2006</b>						
51	A new species of genus <i>Aedes</i> subgenus <i>Stegomyia</i> (Diptera: Culicidae) at Agra.	Singh, G., Prakash, Soam.	Bulletin of Biological Sciences, 5:85-91	2006		
52	Bioassay of secondary metabolite	Vyas N, Dua KK,	Bulletin on Biological	2006		

	of <i>Lagenidium giganteum</i> on mosquito larvae for vector control.	Prakash Soam	Sciences 4:65-69.			
53	Laboratory efficacy of metabolites of <i>Lagenidium giganteum</i> (Couch) on <i>An. stephensi</i> (Liston) after filtrations by Column Chromatography	Vyas N, Dua KK, Prakash Soam	Journal of Communicable Diseases Vol 38(2):176-80.	2006		7

<b>2004</b>						
54	Extra cellular metabolites of <i>Trichophyton ajelloi</i> against <i>Anopheles stephensi</i> and <i>Culex quinquefasciatus</i> larvae.	S. S. Mohanty and Soam Prakash	Indian Journal of Environmental Protection,	2004		
<b>2003</b>						
55	Physioco-chemical environment in irrigated rice fields of Agra Harboursing Snail of trematodal parasites	Preet S., Prakash S.	Indian Journal of Environmental Protection	2003		
56	Larvicidal effects of <i>Artemisia annua</i> extracts on <i>Anopheles stephensi</i> ,	Shobhita Tonk, K. Maharaj Kumari, Soam Prakash, V.P. Bhatnagar	Asian Journal of Tropical Medicinal Plants	2003	1.78	

		and S.S. Srivastava				
57	Laboratory efficacy tests for fungal metabolites of <i>Chrysosporium tropicum</i> against <i>Culex quinquefasciatus</i> .	Priyanka and Soam Prakash	Journal of the American Mosquito Control Association	2003	0.894	
<b>2002</b>						
58	Efficacy of <i>Chrysosporium lobatum</i> against larvae of malaria vector, <i>Anopheles stephensi</i> in the laboratory.	S. S. Mohanty and Soam Prakash	Current Science Vol 83(12) 1585-1588	2002	0.949	
<b>2001</b>						
59	Cercarial emergence in <i>Faciolopsis buski</i> (Lankester).	Shabd Preet, Soam Prakash	Journal of Parasitic Diseases	2001		
<b>2000</b>						
60	Cysticercosis in Rat infected with <i>Cystecercus fasciolaris</i> (Rud): the possible role of plasma and cystic anions in diagnosis	Shabd Preet, Soam Prakash	Journal of Parasitic Diseases	2000		
61	Intra-hepatic Venous System during experimental cysticercosis in Rat	Shabd Preet, Soam Prakash	Parasitology Research	2000		



	<i>Rattus norvegicus</i>					
62	Laboratory evaluation of Trichophyton ajelloi, a fungal pathogen of Anopheles stephensi and Culex quinquefasciatus	S.S. Mohanty and Soam Prakash	Journal of the American Mosquito Control Association, Vol16(3):254-257,	2000		

### INTERNATIONAL COLLABORATIONS

- MoU has been signed with International Center for Genetic Engineering and Biotechnology, USA, New Delhi, 2007.(Chief Coordinator)
- An International collaboration with Rolling School of Public Health, Emory University, USA, 2008 under summer training programme on Public health issues.
- Dr. Asit Panja. Chief Scientific Officer, AlfaGene Bioscience Inc. USA

### NATIONAL CONFERENCES ATTENDED

1. Prof. Soam Prakash has given an invited talk, in 23<sup>rd</sup> National Congress of Parasitology from 18 -20 November 2011. He also **chaired a joint session** and was **panelist** in the Concluding Session of Panel discussion.
2. Gavendra Singh (Post Doc Fellow) has presented a poster in 23<sup>rd</sup> National Congress of Parasitology from 18 -20 November 2011.
3. Namita Soni (Research Scholar) has presented a poster in 23<sup>rd</sup> National Congress of Parasitology from 18 -20 November 2011.
4. Prakash., S. (2011) Introspects and Prospect of Orchestrated Reduction Theory: Understanding Quantum Consciousness Generation and God Realization? Consent 2011, QUANSAS. Dayalbagh Educational Institute. Agra. India

### Research Publications in International/National proceedings of Conferences/ Symposium.

1. Soam Prakash (2016) A Quantum Biology Phenomenon in Consciousness Experiences. The 22st conference on toward a science of consciousness TSC2016, April 25-30, 2016. Centre for consciousness studies. The University of Arizona. USA.pp 193.
2. Soam Prakash (2016) The Subjective And Objective Evolution Of The Consciousness. The 22st conference on toward a science of consciousness TSC2016, April 25-30, 2016. Centre for consciousness studies. The University of Arizona. USA.pp 253.
3. Richa, D.K. Chaturvedi., D.K. and Soam Prakash. (2016) Separated Microbes Using Superconducting Quantum Interference Device: An Experimental Validation for Bioelectromagnetic and External Correlate of Consciousness. The 22st conference on

toward a science of consciousness TSC2016, April 25-30, 2016. Centre for consciousness studies. The University of Arizona. USA.pp 181.

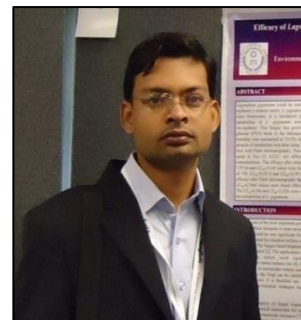
4. Soam Prakash (2016) The Attributes of Higher Spiritual Consciousness and their Personification as a source and need for Consciousness Studies. QANSAS 2016. DEI Centre for consciousness studies. Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra. India.
5. Shweta Yadav and Soam Prakash (2016) presented paper entitled "Control of Filariasis by Silver Nanoparticles: A Green method for Health Care" in IEEE Region 10 Humanitarian Technology Conference, December 21-23, 2016, Dayalbagh Educational Institute, Agra, INDIA.
6. Savy Panamkuttiyiel Minal and Soam Prakash (2016) presented paper entitled "Cu-Zn and Ag-Cu Bimetallic Nanoparticles as Larvicide to Control Malaria Parasite Vector A comparative analysis" in IEEE Region 10 Humanitarian Technology Conference, December 21-23, 2016, Dayalbagh Educational Institute, Agra, INDIA.
7. Savy Panamkuttiyiel Minal and Soam Prakash (2016) presented poster entitled "Biological Synthesis and Characterization of Bimetallic Nanoparticles and Testing Their Efficacy as Mosquito Larvicide" in Conference-cum-workshop "Recent Advances in Biomedical Research Strategies and Innovation, 26-27 May, 2016" Work shop on High-end Bioanalytical techniques and Bioinformatics, New Delhi, India.
8. Soam Prakash (2015) A Systemic Approach for Manipulating Geometries of Nano Gold and Nano Silver in Synthesis for Controlling Vector Borne Diseases at an international conference "NANOTECH FRANCE 2015" at Paris, France. 15-17 June 2015.
9. Richa, Chaturvedi., D.K. and Prakash., S. (2015) Bioelectromagnetics in Microbes and Mosquitoes: A Comparative Study with Special Reference to Biofield at an international conference "Toward a Science of Consciousness" at Helsinki, Finland. 8-13 June 2015.
10. Soam Prakash. 2015. Integrating Eastern And Western Philosophical Schools Of Teletransportation: A Perspective Of Quantum Biology. QANSAS 2015. DEI Centre for consciousness studies. Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra. India
11. Soam Prakash (2014) Quantum Biology in Laboratory Experiments and Consciousness Experimentals. The 20th Anniversary conference on toward a science of consciousness TSC2014, April 21-27, 2014. Centre for consciousness studies. The University of Arizona. USA. pp:205
12. Soam Prakash (2014) Origin Of Quantum Consciousness, Creation And The Evolutionary Quantum Biology:an Introspect And Prospect. QANSAS 2014. DEI Centre for consciousness studies. Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra. India
13. Soam Prakash (2013) Man- An ideal equipment for the measurement of consciousness. The twentieth conference on toward a science of consciousness TSC2013, March 3-9, 2013. DEI Centre for consciousness studies. Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra. India.
14. Soam Prakash (2013) Intersecting Universal Consciousness with Experiences, Experiments and Intuitive Consciousness with Special Reference to the Discovery of God Particle and Universal Consciousness. The twentieth conference on toward a science of consciousness TSC2013, March 3-9, 2013. Centre for consciousness studies. Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra. India.

15. Richa and Soam Prakash (2013) Consciousness Measurement Problem in Man, Mosquitoes and Microbes: A Review. The twentieth conference on toward a science of consciousness TSC 2013, March 3-9, 2013. Centre for consciousness studies. Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra. India.
16. Soam Prakash. 2013. Is Spirituality a Quantum Biology Phenomenon? QANSAS 2013. DEI Centre for consciousness studies. Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra. India
17. Soam Prakash (2012) Evidences and Measurements of Consciousness from Sciences and Spirituality: An analysis. The nineteenth conference on "Towards a Science of Consciousness" April 9-14, 2012, The University of Arizona.USA. pp. 299
18. Namita Soni and Soam Prakash (2009) "Laboratory efficacy test of *Chrysosporium keratinophilum* (Frey) metabolites against larvae of *Culex quinquefasciatus* (Say). 21<sup>st</sup> National Conference of Parasitology 14-16 Nov. 2009 at Panjab University Chandigarh.
19. Gavendra Singh and Soam Prakash (2008) A new species of genus *Lutzia* (Diptera: Culicidae) comparable with *halifaxii* Theobald 1903 in a semi-arid zone of India. Proceeding Book Vectors and Vector borne diseases. Editor, Prof. B.K. Tyagi, Center for Research in Medical Entomology (ICMR) Madurai.
20. Gavendra Singh and Soam Prakash (2007) A new species of *Stegomyia* in semi-arid zone. Proceedings of the International Conference on Environmental Parasitology and Community Health Care Initiatives 13-15 October 2007, at Dayalbagh Educational Institute, Dayalbagh, Agra.
21. Soam Prakash (2006) Presented a paper entitled, "Chitinase in Vector control- an analysis. Annual Conference of the Indian Society for Malaria and other Communicable Diseases 11<sup>TH</sup> - 13<sup>TH</sup> February, at Central JALMA Institute for Leprosy & Other Mycobacterial Diseases (ICMR) Agra.
22. Priyanka and Soam Prakash (2006) Presented a paper entitled, "Role of Some New Fungi as Larvicides of Mosquito: An Indian Perspective" Annual Conference of the Indian Society for Malaria and other Communicable Diseases 11<sup>TH</sup> - 13<sup>TH</sup> February, 2006 at Central JALMA Institute for Leprosy & Other Mycobacterial Diseases (ICMR) Agra.
23. Gavendra Singh and Soam Prakash (2006) A new species of genus *Armigeres* (Diptera: Culicidae) and new vector of viral fevers at Agra region- A possibility. Annual Conference of the Indian Society for Malaria and other Communicable Diseases 11<sup>TH</sup> - 13<sup>TH</sup> February, 2006 at Central JALMA Institute for Leprosy & Other Mycobacterial Diseases (ICMR) Agra.
24. Neetu Vyas, K K Dua and Soam Prakash (2006) " Mosquito control by an entomopathogenic fungus *Lagenidium giganteum*" at annual Conference of the Indian Society for Malaria and other Communicable Diseases 11<sup>th</sup> - 13<sup>th</sup> February, 2006 at Central JALMA Institute for Leprosy & Other Mycobacterial Diseases (ICMR) Agra.
25. Soam Prakash (2005) Fungal Biotechnology for mosquito control. In the National Conference on Recent trends in Environmental Science Academy, New Delhi at Hyderabad, Oct. 25-27, 2005.
26. Priyanka and Soam Prakash 2005) A chitinolytic larvicide for vector control in tropics: an analysis. 4<sup>th</sup> International Congress of Vector Ecology, Reno, Nevada, USA, October 02-07, 2005.
27. Priyanka has attended an International Conference on Malaria: Laveran to Genomics, organized by Malaria Research Centre, New Delhi, November 4-6, 2005.

28. Priyanka has attended a 7<sup>th</sup> Global Conference on Environmental Education for Sustainable Development, organized by the Indian Environmental Society, New Delhi, September 19-23, 2005.
29. Gavendra Singh and Soam Prakash(2005) "Two new species of genus *Aedes* Meigen at Agra" in the National Conference on Recent Trends in Environmental Science Academy, New Delhi at Hyderabad, Oct. 25-27.
30. Neetu Vyas, K K Dua and Soam Prakash (2005) "Laboratory efficacy of the Secondary metabolite of *Lagenidium giganteum* on Major Mosquito larvae" in the National Conference on Recent trends in Environmental Science Academy, New Delhi at Hyderabad, Oct. 25-27, 2005.
31. Gavendra Singh and Soam Prakash (2003)Microscopic variations in *Anopheles stephensi* Liston at Agra. Proceedings of National Symposium of on Biochemical Sciences Health and Environmental Aspects 2-4 October 2003, at Dayalbagh Educational Institute, Dayalbagh, Agra.
32. Soam Prakash (1986). Vascular architecture of Kidneyof rabbit with reference to stone formation- An Analysis."D.E.I. Journal of Sc. & Engg. Research, Vol. IV, No. I, Pp-25-32.
33. Soam Prakash, A.K Sinha and C.D.Gupta Vascular atrophy and abnormalities in the diseased liver of frog (*Rana tigrina* Daud.)"Indian Journal of Animal Sciences, V 61(7) .pp.710-712.
34. Soam Prakash and M.M. Srivastava. Topographical Pest Monitoring and Forecasting as an aid to crop-protection- An Analysis." DEI Journal of Sc. & Engg. Research. Vol. III, No. I, Pp-1-6, 1985. (The author has been awarded the "Young Scientist Award" by the NESI for this paper).
35. International conference on Parasitology at, Hissar in 1996, a key note address on Products and interaction of larval microenvironment of parasite and vectors.
36. National conference of Parasitology at Panjim, GOA, 95, & Jodhpur in 1994 "The role of ions in larval biology of Mosquitoes.Proceedings
37. Developing countries conference on environment at parliament, 1993 on Developing Model eco-village :A Model of Dayalbagh
38. SAARC countries conference at Barielley, 1991 "The Microenvironmental Analysis of *Taenia teniaformis:an introspect*.
39. Asian congress of Parasitology at C.D.R.I., Lucknow in 1992.Anions in the cystic fluid of *Columba livia* Gmelin.
40. Asian congress at all India Institute of Medical Sciences, 1990.Intrahepatic Blood vascular system of Liver in *Rana tigrina* Daud.

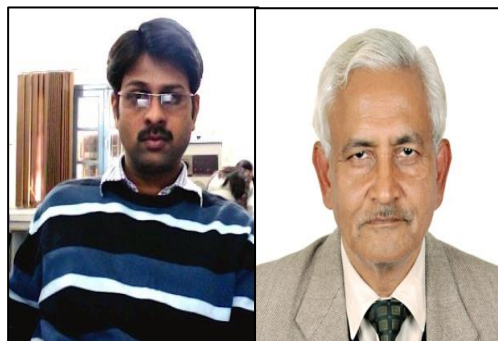
## **NEW MOSQUITO SPECIES FOUND DAYALBAGH RECORDED IN WORLD MOSQUITO CATALOGUE, WALTER REED BIOSYSTEMATICS UNIT, WASHINGTON, USA**

A New species of mosquito have been reported by Gavendra Singh and Soam Prakash, Department of Zoology in 2008. This new mosquito of genus *Lutzia* and subgenus *Metalutzia* collected from the Dayalbagh regions. As per the International Code for Zoological Nomenclature (ICZN) *Lutzia (Metalutzia) agranensis* (Singh and Prakash 2008) listed in **world mosquito catalogue**. This work was the part of Ph.D's thesis of Dr. Gavendra Singh, now he is working as Post Doctoral Fellow (UGC) under Prof. Soam Prakash in the Department of Zoology, Faculty of Science.



## **GENE EXPRESSION OMNIBUS (GEO) NCBI.**

The gene expression of *Listeria monocytogenes* in monoculture and co-culture state in the presence of *Bacillus subtilis* as planktonic cells and in biofilm 2011 has been submitted to Gene Expression Omnibus (GEO), **NCBI** by Dr. Prem Saran T and Prof. Soam Prakash. This work was part of the Ph.D thesis of Dr. Prem Saran T. He is currently the Principal Investigator (SERB-DST – Young Scientist Scheme)



## **International/ National Conference Organized**

- a) **International Conference on Environmental Parasitology and Community Health Care Initiatives (ENPARACOH) 13-15 Oct 2007.**
- b) National Conference on Biochemical Science and Environment and Health. 2003.
- c) Organised a three day seminar for Indian scientist on Environmental technology and toxicology, in Dayalbagh Educational Institute, to spread an awareness of applications of state-of-the-art technologies of Environment and health problems.

**MAJOR RESEARCH PROJECTS (successfully completed)**

<b>Sponsoring Agency</b>	<b>Project Name</b>	<b>Status</b>	<b>Investigators</b>	<b>Amount (Lakhs)</b>
<b>UGC</b>	“Fungal metabolites testing against mosquitoes adults and larvae”	Completed 2011-2014	Dr. Soam Prakash	11.74
<b>DST</b>	Formulation of the novel mosquito larvicides: An envisaged vector control biotechnology,	Completed 2004-2007	Dr. Soam Prakash	11.23
<b>AICTE</b>	Possible control of mosquito larva population by micro environmental parasitological techniques	Completed 1995-1998	Dr. Soam Prakash	5.5
<b>AICTE</b>	Microbial control for community.	Completed	Dr. Soam Prakash	4.5
<b>UGC</b>	Analysis of microenvironment of selected helminthes with special references to anions with neural network program.	Completed 1994-1995	Dr. Soam Prakash	0.14
<b>UGC</b>	An interdisciplinary project from UGC Neural network Interpretation of Ionic patterns of the Microenvironment of Parasite and Vectors.	Completed 1992-1994	Dr. Soam Prakash and Dr. Satish Kumar	0.14
<b>UGC</b>	Experimental cestodal infection in rats (RATTUS RATTUS)	Completed 1990-1991	Dr. Soam Prakash	0.40
<b>UGC</b>	Microenvironment of Snails and Cercarias	Completed 1988-1990	Dr. Soam Prakash	0.06
<b>UGC</b>	Helminthes in domestic animals and their microenvironment 1984-86 Comparative Anatomy of Liver Vessel Architecture in Selected Vertebrates	Completed 1984-1986	Dr. Soam Prakash	0.06

**CERTIFICATES**

**1993** A certificate course in Calcium and Ion transport from the Indian Institute of Chemical Biology, Calcutta (under Prof, A. N. Bhaduri).

**1994** A orientation course from National Institute of Advanced Studies at I.I.S.C campus Bangalore being awarded best participating teacher Award in 1994. (Under Prof. Raja Rammana) as awarded best participant teacher.

**1996** A Refresher course in low-cost instrumentation at DEI in collaboration of Delhi University.

## **ABROAD VISITS**

### **1. France (Paris) And Finland (Helsinki) - 2015**

- To chair a session and present a paper in ‘NANOTECH FRANCE’ organized by SETCOR on June 8-13, 2015 at Paris (France)
- International Meet on “Towards the Science of Consciousness” in June 15-17, 2015 to present the research paper in Helsinki (France)

### **2. USA-2014**

- International Meet on “Towards the Science of Consciousness” in April-21-27, 2014 to present the research paper.

### **3. USA-2012**

- International Meet on “Towards the Science of Consciousness” in April-14-19 April, 2012 to present the research paper and delivered lecture in Princeton University, Johnson Medical School at New Jersey and Stony Brook Medical School, New York.

### **4. USA-2000**

- Delivered lectures at various Universities, Chicago, Maryland etc.
- Valent Biosciences has offered for collaborative research and lectured at various prestigious universities and Medical schools in New Jersey and New York

### **5. United Kingdom (England)-1984**

- Presented a paper in International Conference in Toxicology at University of Surrey and lectured at several research institutions and universities i.e., Cambridge, Surrey, Southampton, London etc.
- University of Surrey and International Institute of Toxicology, University of Cambridge, Southampton, London and Commonwealth Institute of Entomology.

## **SOCIETAL PROJECTS- COMMUNITY HEALTH CARE INITIATIVES**

- a) Laboratory testing of “Insecticides Treated Nets”. (R.S. Sabha)

- b) Testing of *Ocimum sanctum* extract as a mosquito repellent in the laboratory.(SNC, Dayalbagh)
- c) Testing of Reetha as larvicides. (RS Sabha, Dayalbagh)

### **COMMUNITY SERVICES**

- 1. Organizing in Science Center for the school going children at Dayalbagh.
- 2. Supporting the weaker students of schools by organizing and administrating local day boarding School. (In charge special coaching for boys)

### **NEW CERTIFICATE/COURSES INTRODUCED: TWO NEW COURSES WERE INAUGURATED IN PARAMEDICAL SCIENCES**

- (i) Companion Help for Old and Infirm (One Semester)
- (ii) Nursing Aides (Two semesters)

### **FRONTLINE COURSES INTRODUCED**

- 1. M. Phil in Molecular Parasitology
- 2. Advances in Parasitology M. Sc.
- 3. Designed and introduced a course on "Environmental Parasitology" in the M.Sc. final. This was the first course of its kind to be introduced in the country.
- 4. Quantum biology
- 5. Bioethics and Consciousness studies

### **EDITORIAL BOARD /REVIEWER OF INTERNATIONAL JOURNALS**

- 1. Journal of American mosquito control Association, Allen Press. USA.
- 2. International Journal of Agricultural Science, *Serial publication*.
- 3. International Journal of Water resource environment engineering, *Academic Journal Press*.
- 4. International Journal of Environment Science and Environmental Health.
- 5. Journal of Medicinal plant research. *Academic Journal Press*
- 6. American association of Pharmacological Science
- 7. International Journal of Medicine and Medicinal plants. *Academic Journal Press*
- 8. Current Science
- 9. Acta Tropica
- 10. Journal of Parasitology
- 11. American Journal of Microbiology
- 12. American Journal of Nanotechnology
- 13. Biological Control
- 14. African Journal of Microbiology



## **INVITATION TO CONTRIBUTE IN INTERNATIONAL JOURNALS (30) JOURNALS OF REPUTE**

1. Journal of Life science, USA
2. Parasitology Research, Germany
3. International Journal of Pharmacology, USA
4. International Research Journal of Microbiology
5. Parasites and Vectors, Biomed central
6. International Journal of Parasitology
7. Malaria Research and Treatment
8. Maria journal
9. Indian Journal of Microbiology
10. American journal of Microbiology
11. Journal of Parasitology Research
12. Journal of Philosophy, USA, and several others.

## **MEMBERSHIP AND FELLOWSHIP**

1. Life member Indian society of Parasitology, Chandigarh.
2. Fellow of Academy of Zoology
3. Fellow of National Institute of Advance studies, Bangalore
4. Academy of Zoology awarded fellowship (F.A.Z) by late Prof. B.C. Mahindra in 1988.
5. Fellow of National Environmental Science Academy, New Delhi
6. Member of American Mosquito Control Association, USA
7. Member Mosquito Control Board Dayalbagh
8. Member Discipline committee, Science Faculty
9. Member Anti Ragging Committee, DEI
10. Member convocation committee
11. Games committee, DEI 2000.
12. Member:-Malaria and Mosquito control board, DEI
13. Chief Proctor, Science Faculty DEI.2005-2011

## **BOOKS AUTHORED /EDITED**

1. Environmental Parasitology and community Health Care Initiatives (ENPARACOH). Allied Publishers Pvt. Ltd. New Delhi 2007.
2. Books Authored: "Text Book of Biology". Universal Publications. 199 Books Reviewed: A Proceeding Symposium on Recent Advances in Aphids Management, 1988, Published in Science Reporter 1988.

3. Text Book of Invertebrate Zoology" for Science Reporter, Author- R.K. Sharan, 1986.
4. Proceeding on Environmental Parasitology and Community health in 2007 as Chief Editor

#### **EXPERT PANEL**

1. Department of Science and Technology (DST) expert panel in Zoology for reviewing research project.2007-2012
2. Educational Panel expert in Indian National Science Academy, New Delhi
3. Advisor, Emory University, USA for guiding their student on Public health problem under summer training programme.
4. Research Panel Examiner of ICGEB, New Delhi
5. Expert Panel on vector control biology ,WHO

#### **EXAMINERSHIP**

1. Center for Drug Research Institute with Ram Manohar Lohia University, Faizabad.
2. Chhatrapati Shahuji Maharaj University, Kanpur.
3. Dr. B.R. Ambedkar University, Agra
4. Jiwaji University, Gwalior
5. International center for Genetic Engineering and Biotechnology (ICGEB) with Jawahar Lal Nehru University, New Delhi
6. Lucknow university
7. Goa University