


Title	Dr.	First Name	Satyendra M.	Last Name	Singh	Photograph 
Designation	Reader					
Department	Animal Science					
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Education						
Subject	Institution	Year	Details			
Ph.D.	Univ. of Lucknow	1989	Structure, Development & Ecophysiology of two species of Earthworms			
M.Sc.	Univ. of Lucknow	1983	Zoology			
B.Sc.	Univ. of Lucknow	1981	Zoology, Botany, Chemistry			
Career Profile						
Organization/ Institution	Designation	Duration	Role			
Univ. of Lucknow	Ad- hoc Lecturer	1990-1993	Teaching and research			
MJPRU	Lecturer	1993- 2002	Teaching and research			
MJPRU	Reader	2002- till now	Teaching and research			
Research Interests/ Specialization						
Earthworm Ecology, Biodiversity & their role in Solid Waste Management and Organic Farming for Sustainable Agriculture						
Teaching Experience (Subjects/ Courses Taught)						
1990- 93: Animal Physiology in P.G. Classes and Information Technology in Undergraduate classes at Lucknow Univ. 1993- till now: Animal Physiology and Environment Science at P.G. Level.						
Honors & Awards						
<ol style="list-style-type: none"> Certificate of Appreciation for Research (2008) ZSI Award (2004) INSA Visiting Fellowship Award (2003-04) 						
Publications (LAST FIVE YEARS)						
<u>Books/ Monographs</u>						
<u>Year of Publication</u>	<u>Title</u>	<u>Publisher</u>	<u>Co-Author</u>			
2007	Earthworms for Solid Waste Management	IBDC (Lucknow)	—			
2007	Fasal Sudha	Neeraj Publishers	—			
2009	Earthworm Ecology and Environment	IBDC (Lucknow)	—			

In Indexed/ Peer Reviewed Journals

Year of

Publication

Title

Journal

Co-Author

2008	Assessment rate of vermicomposting of <i>E. crassipes</i> - a Notorious aquatic weed using the worm, <i>Eisenia fetida</i> In two different conditions	J.Soil Biol.Ecol.27 (2): 45-49	M. Dasgupta
2006	Response of earthworms to stressed environment and their sustenance in different environmental media	Ecol. Env. Cons. 12 (2): 351-356	M. Dasgupta
2005	Potentiality of earthworm, <i>E. fetida</i> in the transformation of dung of different animals and impact of vermicompost on the shoot length of <i>Hibiscus esculentus</i> (Lady' finger)	J. Soil Biol. 25(1 & 2) : 151- 158	G. R. Gangwar
2003	Comparative studies on the potentiality of castings of three species of earthworms with reference to soil types and its impact on wheat var. UP-2338	J.Soil Biol.Ecol.22 (1&2):79-86	M. Dasgupta

Articles: Six-in daily news papers on earthworms

Conference presentation (IN THE LAST FIVE YEARS)

- Singh, S. M. (2009): Vermicomposting: A biotechniques for solid waste management for environmental safety. In: National Conference on recent concepts of biodiversity and biotechnology. SRKC, Satna (M.P.), Jan. 24-25
- Singh, S. M., Parveen, R., Thakur, R. and Mandal, A.B. (2008): Methionine levels in diets of breeder's quails influencing fertility and performance of hatched out chick. In: Ipscon, Anand agricultural Univ., Gujarat, Dec., 10-12.
- Singh, S. M. (2008): Vermicomposting: Principle and its social importance. Invited Lecture in: National seminar on animal husbandry and veterinary sciences: New researches and farmers, held at IVRI, Izatnagar on March, 25th –26th, p- 28
- Singh, S. M., Gangwar, G. R. (2008): Bio-management of effluent treatment plant (ETP) sludge using an epigeic earthworm, *E. fetida*. In the souvenir of 95th Indian Science Congress: held at the Andhra Univ., Vishakapatnam from Jan. 3rd –7th.
- Singh, S. M. (2007): Vermicomposting: An option for agricultural sustainability.(A Planery lecture). In the souvenir of the 18th all India congress of Zoology and SCIAZE held at Deptt. of Zoology, Univ. of Lucknow during Dec., 7th –9th.
- Singh, S. M. , Om Prakash & G. R. Gangwar(2007): Seasonal variations in density and diversity of earthworms in three ecosystems of Bareilly regions of U.P. state. In the souvenir of the 18th all India congress of Zoology and SCIAZE held at Deptt. of Zoology, Univ. of Lucknow during Dec., 7th –9th.
- Singh, S. M., G. R. Gangwar & Om Prakash (2007): Vermicomposting of extracted peppermint plant waste (*M. piperita*), using a dung worm, *E. fetida* and application of the vermicompost on a leguminous plant, *V. mungo* (Urad). In the souvenir of the 18th all India congress of Zoology and SCIAZE held at Deptt. of Zoology, Univ. of Lucknow during Dec., 7th –9th.

Total Publication Profile: 41

Books: 03

In index/peer reviewed journals: 10

Conference presentations: 33 (National) and 04 (International)

University Service

Assistant Dean Students Welfare:	Applied Sciences	2003-08
Assistant Coordinator:	Central Evaluation of University	2003,08
Hostel Superintendent (Warden):	Main Hostel of the University	2000-01

Professional societies of membership

Life member of:

- i. **Society for Earthworm Ecology & Environmental Research**
- ii. **Society of Soil Biology & Ecology**
- iii. **Zoological Society of India**

Projects (Major grants/ Collaborations)

- **Earthworm diversity & its application in agro eco-systems & pollution abatement** Rs. 15000/= (State Council of Science & Technology, U.P.) 2000-03
- **Role of earthworms and their castings in improving fertility status of barren soil** Rs. 3,07000/= (University Grants Commission, New Delhi) 1996-98

Other details

Symposium/Conferences/Training Programmes Organized

- A National Symposium on **Earthworm Ecology & Environment** was organized for the **FIRST** time in the **country** in the Department of Animal Science of the University from **April 26th to 28th, 2007**.
- A Regional Seminar on **Vermicompost & Farmer's Training Programme** organized for the **FIRST** time at the State University from **October 30th-31st, 2007**.
- The **1st Prof. K.N.Bahl Memorial Lecture** on **Integration of Organic Farming Systems for Sustainable Agriculture** at the University on **March 5th, 2008**.
- The **1st Farmers' Training Camp** on **"Vermicompost: the best substitute for chemical fertilizers at Faridpur tehsil of Bareilly district** on **June 2nd, 2008**.
- A **Training Programme** on **"Vermicomposting: The easy way for Solid Waste Management"** for the students of **Radha Madhav Public School, Bareilly** at Vermiculture & Vermicomposting Centre from **September 23rd to 26th, 2008**.