



# GOVERNMENT COLLEGE SIROHI



**Name of Faculty Member-** Dr. Suresh Kumar

**Name of Academic Department-** Zoology

**Department Room No.-** 130

**Phone (Office) -** 02972-221684

**Phone (Residence)-**

**E-Mail-** Sureshgadhveer@gmail.com

**Personal webpage-** NIL

**Qualifications:**

Degree	Name & Place of University	Year
Ph.D.	Jai Narain Vyas University, Jodhpur	2016
CSIR-UGC-NET JRF	YES	2007
Post Graduate (PG)	Jai Narain Vyas University, Jodhpur	2004
Under Graduate (UG)	Jai Narain Vyas University, Jodhpur	2002

**Areas of Interest/ Specialization-** Entomology, Biodiversity, Applied Ecology, Biowaste management, Waste treatment, Vermiculture bio-technology, Vector borne disease control etc.

**Teaching Experience (Years) -** UG- 12 Years and PG- NA

**Supervision of Awarded Doctoral Thesis (No's) –** NIL

**Under Progress (No's) –** Allotted 2 student recently for Ph.D.

**Awards and Honours-** NIL

**Academic Responsibilities at the College-** Online admission science faculty In-charge, examination duty committee member, Skill development committee member, committee member of IQAR, NAAC, UGC & AAP etc.

**Extra-Curricular Activities-** Games & Sports committee member, Culture program committee member, Discipline committee member, College website development committee etc.

**International/National collaboration (select collaboration)-**

1. Teaching and Education Research Association (TERA)

**Best Peer Reviewed Publications (up to 5)**



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1. **Suresh, K.** and Tripathi, G. (2017) Seasonal variation in population of *Pontosclex corethrurus* and *Octochaetona beatrix* in different habitats of Sirohi district of Rajasthan, *Journal of Experimental Zoology, India*, 20(1):511-514.
2. **Suresh, K.** (2018) Agro-waste management by vermicomposting using *Eisenia fetida* and *Perionyx sansibaricus* earthworms, *The scientific temper*, 9(1-2):1-9.
3. **Suresh, K.** and Tripathi, G. (2020) Impact of different organic food sources on the growth and reproductive performance of composting earthworms *Eisenia fetida* and *Perionyx sansibaricus*, *National Journal of Life Sciences*, 17(1):49-55.
4. **Suresh, K.** (2020) Vermicomposting potential assessment of *Eisenia fetida* (Savigny) and *Perionyx sansibaricus* (Perrier) in leaf litter plus goat dung bedding, *Journal of Experimental Zoology, India*, 23(2):1603-1609.
5. **Suresh, K.**, Tripathi, G. and Mishra, G. V. (2021) A comparative study on agrowaste conversion into biofertilizer employing two earthworm species, *Applied Ecology and Environmental Sciences*, 9 (2), 280-285

## Recent Peer Reviewed Journals/ Books- 03

1. **Suresh, K.** (2020) Air quality index enhancement in major cities of Rajasthan state amid covid-19 lockdown, *Impact of Covid-19 on society, economy and environment* (International conference proceeding), Acumen publishers Utrecht, The Netherlands 1(1):123-134.
2. **Suresh, K.**, Tripathi, G. and Mishra, G. V. (2021) Vermicomposting of castor (*Ricinus communis*) crop straw by employing two epigeic earthworms (*Eisenia fetida* and *Perionyx sansibaricus*), *International journal of recycling organic waste in agriculture*, In process..
3. **Suresh, K.**, Tripathi, G. and Mishra, G. V. (2021) A comparative study on earthworm biodiversity of hilly and plain areas indicating species-habitat Relationship, *Applied Ecology and Environmental Sciences*, In process..

Patent (if any) - NIL

Research Projects (Minor/Major/any other) - NIL

Sr. No	Title of the Project	Year	Funding Agency
1.			
2.			
3.			

Paper Presentations/participation in National Conferences/Seminars/Workshops (Last 5 years) -

1. Presented a research paper in **National conference on ‘Changing paradigms and innovations in science and technology for achieving sustainable development goals’** entitled “Earthworm diversity in plain and hilly areas of Sirohi” Organized by University centre for sustainable development (USCD) & Faculty of basic and applied science Madhav University Abu road, Sirohi on December 23-23, 2017.



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2. Presented a research poster in **National conference on ‘recent trends in research’** entitled “Earthworm diversity in Sirohi district of Rajasthan” Organized by JNVU Jodhpur on March 11, 2018.
3. Presented a research poster in **National conference on ‘Tribal health in relation to vector-borne and parasitic diseases: addressing multi sectoral actions’** entitled “Predicament of vector- borne diseases in tribal areas: new approaches to the issue” Organized by laboratory of public health entomology Department of Zoology, university college of science, MLSU Udaipur on December 17-18, 2018.
4. Presented a research paper in **National conference on ‘New imperatives in drug design and discovery’** entitled “Impact of different organic food sources on the growth and reproductive performance of composting earthworms *Eisenia fetida* and *Perionyx sansibaricus*” Organized by UKA Tarsadia University, Bardoli in association with Indian society of chemist and biologist (ISCB), Lucknow, India & The national academy of sciences, India (Mumbai chapter) on November 22-23, 2019.
5. Presented a research paper in **National conference on ‘Advances in modern science’** entitled “Vermicomposting potential of *Eisenia fetida* (Savigny) and *Perionyx sansibaricus* (Perrier) in different waste materials” Organised by OM college of science, Junagarh & Department of chemistry and forensic science, BKNMU on January 18, 2020.
6. Presented a research paper in **National seminar on ‘recent trends, issues and challenges in environmental and biodiversity conservation’** entitled “A comparative study on agrowaste conversion into biofertilizer employing two earthworm species” Organized by Govt. P. G. college, Pratapgarh in collaboration with Govind Guru Tribal University, Banswara, Rajasthan on February 19-20, 2021.

### **Paper Presentations/participation in International Conferences/Seminars/Workshops (Last 5 years)-**

1. Presented a research paper in **International conference on ‘Mankind at crossroads: challenges and solutions’** entitled “Vermiculture biotechnology for sustainable agriculture, environment and development” Organized by Govt. Bangur P.G. College, Pali (Rajasthan) in association with Ministry of law and justice, Government of India on January 17-18, 2019.
2. Presented a research paper in **International conference on ‘Emerging challenges, their solutions and recent advances in science’** entitled “Fluoride toxicity as alternation in haemotoxicological parameters in freshwater Organized by Govt. Science college, Sikar on October 4-5, 2019.
3. Presented a research paper in **International E-conference on ‘Impact of Covid-19 on society, economy and environment’** entitled “Air quality index enhancement in major cities of Rajasthan state amid covid-19 lockdown” Organized by Department of Geography, MJD Govt. College, Taranagar, Churu (Rajasthan) on June 13-14, 2020



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## **Other Relevant information's-**

### **Research collaboration with institutes**

DMRC- Jodhpur

AFRI- Jodhpur

JNVU-Jodhpur

MLSU-Udaipur