

CURRICULUM VITAE



SANJAY KUMAR MEENA

(Ph.D. pursuing)

**CSIR-NET, GATE-XL, PGDPHE,
MSC (Zoology).**

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Contact No:-8386012535

Objective:-To secure a challenging position in a reputable organization to expand my learning knowledge and skills, secure a responsible career opportunity to fully utilize my knowledge and skills.

ACADEMIC PROFILE

S.No.	Degree/Exam	University/ Board	Duration	Subject	Marks
1	Ph.D. pursuing	MLSU	2019 to Till date	Forensic Entomology	NA
2	CSIR –NET	CSIR	2019	Life- Science	32%
3	GATE-XL	IIT-MADRAS	2021	Life- Science	31%
4	PGDPHE (Diploma in public health entomology)	MLSU	2017-2018	Public Health Entomology	84%
5	M.Sc.	PDUSU	2015-2017	Zoology(Entomology)	65%
6	B.Sc.	UOR	2012-2015	Zoology, Botany, Chemistry.	52%
7	Senior Secondary	RBSE	2011-2012	Biology	61%

8	Secondary	RBSE	2009-2010	General	68.67%
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TEACHING & ORGANISATIONAL EXPERIENCE:

S. No.	University/Institute	Designation	Year/period
1.	Dept. of Zoology, UCOS, MLSU, Udaipur	Junior Research Fellow	12 January, 2021 to till date
2.	Mohanlal Sukhadia University, Udaipur	As PhD Research Scholar or Guest Faculty in Department of Zoology (UG student of Zoology)	January 2021 to till date (01 Year)
3.	Gurukul College, Kurabad Udaipur.	Visiting Faculty.	October 2019- March 2020.

Qualified National Level Competitive Exams:

- 1. ICMR Scientist -B (Non-Medical)**
- 2. SSC (Assistant of Plant Protection Officer)**
- 3. NHM (District Vector Borne Disease Consultant)**
- 4. Railway Loco pilot (CBT1 & CBT2)**
- 5. CRPF Head constable (Ministerial)**
- 6. CISF (Stenographer).**

Research Work: -

- 1. Presently working on “. Survey and Bionomics of Sarcophagidae (Diptera) of Forensic importance in Udaipur Region of South Rajasthan: Entomology in Prosecution.”**
Under the supervision of Dr. ARTI PRASAD, Professor & Head Department of Zoology, University College of Science, Mohanlal Sukhadia University, Udaipur.
- 2. Currently working as Junior Research Fellow in RUSA-MHRD Funded Project entitled as “Survey and analysis of pesticide residues in consumable products (fruits and**

vegetables) obtained from different vegetable markets (Sabzi mandis) of Udaipur Region.

Awards and Achievements:-

Third award in Poster presentation **in** Virtual International Conference on “Present status and future trends in entomological studies 2021” on 13-14 July, 2021

Research Publications:-

S.No.	Title	Journal	Indexing
1.	Qualitative and quantitative estimation for phosphate solubilizing ability of Trichoderma isolates: A natural soil health enhancer	Materials Today: Proceedings	Elsevier
2.	Generating pioneer data on entomofauna of forensic importance in Udaipur region of South Rajasthan.	International Journal of Entomology Research. ISSN 2455-4758. Volume 5, Issue 6: 2020, 27-30.	Web of Science.
3.	A Review on Biodiversity of some medicinal and wild plants and their possible role in vector-borne disease and vector control.	Plant Cell Biotechnology and molecular biology. ISSN 0972-2025.21(43&44) 105-124: 2020.	Scopus.
4.	Forensic Entomology: Role of insects as crime indicators;	In Proceeding “Present status and future trends in entomological studies”2021.	
5.	A Review on Forensic Entomology.	National journal of Environment and Scientific Research. E-ISSN 2582-5836,. NJESR/vol-1/Issue-2	

CHAPTERS: -

1. Chapter entitled “**FORENSIC ENTOMOLOGY: A NOBLE BRANCH OF INSECT**

IN CRIME DETECTION AND GENERATING BRIGHT JOB PROSPECTIVES”

"Current Research in Biology (Volume - 4)" published by Akinik publication. ISBN:978-93-5570-100-8.

2. Chapter entitled **“General Overview of Mosquito Borne Diseases (MBD): A Great Burden on Humanity. Research Trends in Applied Research (Volume - 9)”**. Weser Books publication. ISBN: 978-3-96492-242-7. Pages: 25-50.2021.

PATENTS: -

Patent on **“Threat Monitoring Device” (Design Number- 344847-001, Class- 10-05, Date of Registration- 17/06/2021)** in the Patent Office Journal No. 30/2021 Dated 23/07/2021.

RESEARCH EXPERTISE:

- **Sampling and laboratory rearing of forensically important insects fro PMI Estimation.**
- **Morphological & Molecular Identification of Anopheline, Aedes and Culex mosquitoes**
- **General Laboratory and Field techniques related to Medical Entomology and research.**
- **Vector and Vector borne diseases Control.**
- **Handling of general molecular laboratory techniques like- DNA Isolation, PCR, Gel-Electrophoresis, ELISA.**
- **General Microbiological techniques**
- **Mushroom Cultivation and Vermitechnology.**

TRAINING GIVEN BY FOLLOWING ENTOMOLOGIST UNDER DIPLOMA IN PUBLIC HEALTH ENTOMOLOGY (MLSU Udaipur & AIIMS Jodhpur):

1. **Dr. B.K Tyagi (Ex Director CRME, Chennai)**
2. **Dr. R.S. Sharma (Ex Additional Director NVBDCP& NCDC Delhi)**
3. **Dr. Vijay Veer (Ex Director, DRDO)**
4. **Dr. N.P. Singh (Ex. Head Department of Zoology & Scientist Emeritus Uni. Of Rajasthan, Jaipur)**
 - Survey and identification of mosquitoes
 - Collection and sampling of mosquitoes
 - Mosquitoes rearing
 - Identification of vector and vector borne disease
 - To observe the symptoms of vector borne disease

- To observe the Diagnosis of vector borne disease
- To apply the biological and chemical control of vectors
- IRS(Indoor Residual Spray), Space Spray
- Community Awareness Programme
- Environmental Management
- To observe breeding preferences of surveyed mosquitoes.
- Seasonal prevalence of disease vectors.
- Larvicidal efficacy of plant Products in lab and field.
- Use of insecticide and insecticide resistance
- **Attend the programme of govt. of Rajasthan (CM&HO JODHPUR) for Swasthya dal aapke dwar from 21-23 March 2018 for larval survey of Mosquito.**

TRAININGS

- Participated in 15 days Virtual Internship on **Chromatography and Molecular Biology Techniques** organized by Learn to upgrade and Wetlab Championship.
- **Completed, Rajasthan State Certificate in Information Technology (RS-CIT)** of Rajasthan Knowledge Corporation Limited in **May, 2014 with 54%** from Vardhaman Mahaveer Open University, Kota including following topics: -

CONFERENCES & WORKSHOPS:

1. Participated and poster present in **International Virtual Conference** on "Present Status and Future Trends in Entomological and Wildlife Studies: an Emerging Platform for Zoologists" (PENWI - 21) organized by Department of Zoology, Mohanlal Sukhadia University, Udaipur, Rajasthan, India, dated: -13-14, July, 2021.
2. Attended International webinar on "Impact of COVID-19 on Public health and Global Economy" organized by MLSU, Udaipur.
3. Participated in two day workshop on "DNA Fingerprinting and CRISPER" organized by department of Zoology, University College of Science, MLSU, Udaipur.
4. Attended two days workshop on "Forensic Entomology: Role of Insects in Forensics" organized by Department of Zoology, University College of Science, MLSU, Udaipur.
5. **Poster presentation** in National conference on "Tribal Health in Relation to Vector- Borne and Parasitic Diseases, Addressing Multi Sectorial Actions(VECTOPAT-2018).
6. **Poster presentation** in "2nd National Conference cum Workshop" organized by Department of Biotechnology & Microbiology, KALP Laboratories.
7. Forensic Entomology: Role of insects in forensics(2017)

8. Participated in two days workshop on “Research methodology” organized by Dean, P.G. Studies, MLS University, Udaipur.
9. **Poster presentation** in three days national Symposium on “Multilateral Initiatives against Arboviral Diseases (NSAD 2020) organised by Department of Zoology, University college of science, MLSU, Udaipur.

COMPUTER LITERACY:

- **Rajasthan State Certificate in Information Technology (RS-CIT)** of Rajasthan Knowledge Corporation Limited in **May, 2014 with 54%** from Vardhaman Mahaveer Open University, Kota.
- MS Office – MS-Excel, MS-Word, Power Point
- Photoshop, Coral draw, Microsoft office publisher

PERSONAL PROFILE:

Father’s Name : Shri Prahlad Ray Meena
Mother’s Name : Smt. Prem Devi
Date of Birth : 9 September.1995
Category : ST
Marital Status : Single
V/P- Doodh walon ka bas, Via- Khandela, Sikar,
Rajasthan, 332709.

Permanent Address:

- Internet Surfing

DECLARATION

I hereby declare that all the above-mentioned facts and information are true to the best of my knowledge. I shall be solely responsible for any discrepancy found in them.

DATE- 09/01/2022

PLACE: Udaipur

(Sanjay Kumar Meena)



