

Curriculum Vitae



Dr. Anu Verma

Ph.D Botany, M.Sc.(Botany, Chemistry),, B.Ed.

Co-chapter head of Rajasthan, RFI (India)

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Snapshot:

- Ph.D in Botany (2010)
- M.Sc. in Botany (2005)
- M.Sc. in Chemistry (2013)
- B.ed (Science) (2014)
- RSCIT (VMOU)

Work Experience:

16 Years

- Present Organization :** Head of department, Botany. Seth GB Podar College, Nawalgarh, Jhunjhunu (Raj.) June 2025 to continue.
- Past Organization** Principal, Bhartiye edu. group of Institute, Lakshmandgarh (Sikar). August 2022 to May 2025.
- Past Organization** Surendra Degree College, SGNR (Raj.) July 2021 to June 2022, UG teaching as lecturer of botany
- Past Organization** Shree ram college, Raisingnagar, SGNR (Raj.) July 2019 to Feb. 2021, UG and PG teaching botany as a lecturer.
- Past Organization** Khalsa PG College, SGNR (Raj.) August 2014 to Feb 2019, UG and PG teaching of botany as a lecturer.
- Past Organization** Khalsa PG College, Sadulsahar (Raj.) June 2011 to April 2013 degree college teaching of botany as a lecturer.
- Past Organization** Khalsa PG College, SGNR (Raj.) August 2007 to April 2008 UG and PG teaching of botany as a lecturer.

Specialization :

- Ecology
- Organic chemistry
- Taxonomy
- Embryology

Computer Proficiency:

- MS Office ,Word ,Excel, Power Point
- Well Versed with Internet, Mozilla ,Chrome
- RSCIT from (VMOU KOTA)

Research Field :

I) Conference conduction :-

- As convenor conducted an international conference on ‘ Innovative research on Science, Humanities, Engineering and Management’ (IC-IRSHM - 2020) at SKD University, Hanumangarh (Raj.) on 15-16 feb. 2020

II) Books publications :-

- **Environmental Degradation, JHERF Publisher – 2018,**
ISBN – 978-93-87739-20-8.
- **Environmental Compendium, JHERF Publisher – 2018,**
ISBN – 978-93-87739-55-0.
- **Biological diversity – Sustainable life, JHERF Publisher – 2018,**
ISBN – 978-93-87739-54-3.

III)

IV) Paper publication in National and International journals :-

- Sep. 2019 – “Tackweed management through vermitechnology in agriculture field through red wrigglers”. (**Accent journal of economics ecology and engineering**), Vol. – 04, special issue 05, (ICIR - 2019) ISBN – 2456-1037.
- Feb 2019 – “Potential use of vermicomposting on crop improvement. (**Journal of current science**), Vol – 20, special issue 02, ISBN – 9726-001X.
- Sep. 2018 - (**Accent journal of economics ecology and engineering**) Vol. – 03, issue 09, ISBN – 2456-1037.
- Oct. 2016 – **Short communication on** “Biological activity of red wriggler earthworm using puncture wine weed with cow ung as substrate.” (**Indian journal of weed science**) Vol 48 (3) : pg no. - 353-355, ISSN – 0974-8164.
- 2016 – “Biological parameter during vermicomposting of cow dung mixed with *Tibullus territories* L. weed epigamic earthworm *Eisenia foetida*”. (**Indian journal of weedsience**) Ms no. IJWS/625, ISSN – 0974-8164.
- June 2016 - “Medicinal use of the introduced angiosperm flora of the canal irrigated regions of the great Indian desert”. (**J. Econ. Taxon Bot. Vol. 40**) ISSN 2050-9768.
- Oct 2015 – Biological activity of red wriggler earthworm on different ratio of weed and dung as mixtures substrate. (**Indian journal of weed science**), Vol. – 47(4) : 411-413, ISSN – 0974-8164.
- Oct. 2015 - “**Biological activity of epigeic earthworm *Eisenia foetida* during vermicomposting of weed *Chenopodium murale*. Journal of economic and taxonomic botany. (Indian Journal of Weed Science, Vol 48 (4).) ISSN – 0974- 8164.**
- 2007 - “Disappearance of characteristic desertic germplasm from the canal irrigated regions of the great Indian desert.” (**J. Econ. Taxon. Bot. Vol. 31 No. 2, 2007**)

III) Chapters in edited books :-

- 2019 – Santhi weed management through vermiculture in agriculture field through red wigglers (**Recent advances in science**) ISBN – 978-81-93409-8-2.
- 2018 – Vermicomposting and earthworm biology : A review article. (**Environmental degradation , By Dr. Anu Verma and Dr. P. Agnihotri**) ISBN- 978-93-87739-20-8.
- 2018 – Vermiculture Biotechnology : An ecofriendly approach developed by night crawler. (**Environment Compendium**) ISBN – 978-93-87739-55-0.
- 2018 – Biodynamics of *Eisenia foetida* during carrot grass management. (**Biological diversity – Sustainable life**). ISBN – 978-93-87739-54-3.
- 2018 - Vermicomposting : An eco-biotechnology approach for the management of weeds in agriculture field through red wigglers. (**In P.Agnihotri edited book :- Environmental crises – challenges and opportunity**) ISBN- 978-93-87739-06-2
- 2016 – Vermiculture Biotechnology : A Boon in Waste Environment Management. **In Khan J B edited book – Nature and Environment (under proceeding)**

V) Presented Papers in Conferences :-

1. National Conferences :-

- Vermiculture : A technique used for promoting cast of earthworm. **Conference on ‘Innovation in science and technology for sustainable development, 13-15 oct. 2018 at central university of Rajasthan, Bandersindri, Ajmer (Rajasthan), India.**
- Biological activity of red wiggler earthworm on different ratio of weed *Zalaeya gov india* and cow dung as mixture substrate. **Conference on Environmental Challenges, Human Health and Society, Sep. 8-10, 2016. Jaipur.**
- Studies on physico-chemical composition and processing of wild plant as vermicomposting. **RTCEMS-24 jan. 2018. DAV College, Aboher (Punjab).**
- Modern Perspective and Mania Literary Society and Namini National Seminar 6 jan-2017, govt. Girls College, SGNR (Raj)
- Potential utilization of vermiculture biotechnology for waste management. **Conference on biotechnology for sustainable development 23-24 December, 2016. MD college, SGNR (Raj)**
- Potential utilization of *Tibullus terrestris* as biofertilizer through vermiculture. **The Rajasthan Geographical Association 36th RGA national conference, 26-28 sep. 2008. Changes geographies and quest for sustainability, DR. BRA Govt. College, SGNR (Raj.)**

2. International Conference :-

- “ Earthworm : Vermicomposting : Wild plant management. **International conference on ‘ Innovative research on science, humanities, engineering and management’ (IC –**

- IRSHM - 2020**), 15-16 feb. 2020 at SKD University, Pilibanga, Hanumangarh (Rajasthan) , India
- Jackweed management through vermitechnology in agriculture field through red wigglers. **International conference on ‘ Innovative research on engineering, science, pharmacy, humanities, and management’ (ICIR - 2019)**, 27-28 september, 2019 at Dr. A.P.J. Abdul Kalam University, Indore (India).
 - Potential use of vermicompost on crop improvement. **13 th international conference on ‘Sustainable development through social, science, management, smart education, agriculture technologies and advanced engineering application in global environment’** , 23-24 feb. 2019 at Om Kothari Institute of management and research, Kota, (India).
 - Comparative studies of different weeds on biomass production, life and composting efficiency of *Eisenia foetida* using vermitechnology. **Conferences on interdisciplinary approaches towards environmental sustainability**, 15-17 nov. 2018, at Chhatrapatti Shivaji maharaja University, Navi Mumbai, Maharashtra (India).
 - Red wigglers : A vermiculture agent. Conference on Recent advances in science engineering and management, 29,30 sept. and 1 oct.2018, at **SAGE university Indore (MP), India.**
 - Management of the owners by the culture **Conference on Recent advances in science engineering and management, 29, 30 sept. and 1 oct. 2018, at SAGE university Indore (MP), India.**
 - Vermicomposting : An eco-biotechnology approach for the management of weeds in agriculture field through red wigglers. **Conference on environmental changes and their impact on plants and human health, jan.15-17, 2018 Jaipur (Raj)**
 - Comparative studies of different weeds on biomass production, life cycle and composting efficiency of *Eisenia foetida* using vermitechnology. **Conf. on Environmental Awareness: Protection and new challenges, 3-4 feb. 2017, Jaipur (Raj).**

3. Special Honour :-

- Invited as **Chair person** in the International Conference on ‘ A step towards Sustainable Society’ organized by Polytechnique College, Indore on 12 Jan. 2023.
- Invited as **Chair person** in the International Conference on ‘ Innovation Challenges in Multidisciplinary Research and Practice’ (ICMRP - 2023) organized by RPL Maheshwari College, Indore on 23 Sep. 2023.
- Invited as **Resource person** in the International Conference on ‘ Contemporary research, Innovation and Trends in Engineering, Applied Science, Management and Humanities’ organized by VITS - Satna on 24-25 Nov. 2023.
- Invited as **Resource person** in the International Conference on ‘ A Multidisciplinary Approach Towards Sustainability and Development by Unlocking New Opportunities in the World of Constant Disruption’organized by Renaissance University, Indore on 28 Dec. 2024.
- **Invitee guest** in the international conference on **International conference on ‘ Innovative research on science, humanities, engineering and management’ (ICIRSHM - 2020)**, 15-16 feb. 2020 at SKD University, Pilibanga, Hanumangarh (Rajasthan) , India.

- Conducted a international conference as a **organizing committee member** at Bhagwati kanya Mahavidyalya, Lalgarh jatan, Sri ganganager (Rajasthan) India on_____
- **Guest lecture** on ‘**Studies on physic-chemical composition and processing of wild plant as vermicomposting**’ in RTCEMS-24 jan. 2018. DAV College, Aboher (Punjab)
- **Guest lecture** on ‘**Potential utilization of vermiculture biotechnology for waste management**’ Conference on biotechnology for sustainable development 23-24, 2016. MD college, SGNR (Raj)

(V) Faculty development programme :-

- FDP on Academic leadership 5.0 Navigating National and Global Trends, IUCTE, BHU, Varanasi, on 22-27/9/2025
- FDP on T.O.T. (Teacher on Training) at Podar eduspace and anandilal podar trust, Podar auditorium, Nawalgarh, Jhunjhunu, (Raj.) on 29-30/9/2025.

VI. Participated in Conferences :-

- XXVI international bioacoustics congress 8-13 oct., Haridwar, India.
- The 6th international electronic conference on foods at MDPI, on 28-30 oct. 2025

VII) National Symposium :-

- Symposium on Global Environmental Challenges : Present Scenario, 21 jan. 2017 Department of botany, UOR, Jaipur (Raj)
- Symposium on stable isotopes:Applications in Natural Sciences, 22 Dec. 2016. MD PG College, SGNR (RAJ)

Co-Curricular Activities

- Participate in **Youth fest – 2020** (22-23 jan.) as a judge for the judgment of cultural event at S G N Khalsa PG college, Sri anganager (Rajasthan)
- Deputy curator in International art exhibition „**VIBGYOR**’ , 19th – 23 rd 2019, sri G anganager, Rajasthan.
- Photography exhibited in International art exhibition „**VIBGYOR**’ , 19th – 23 rd 2019, sri ganganager, Rajasthan.
- Participate in **Youth fest – 2016** as a judge for the judgment of cultural event at S G N Khalsa PG college, Sri ganganager (Rajasthan)

Seminar Exposure During PG

- Seminar on „Thallus organization in Algae“ . SGN Khalsa PG College , SGNR (Raj) 2004.
- Seminar on „Evolution of Ecosystem“ SGN Khalsa PG College , SGNR (Raj) 2005.

Personal Details :

Date of Birth: : 12 April 1982

Fathers Name: : Shri Puran Chand Mahar

Nationality: : Indian (Rajasthan, Shri Ganganagar)

Languages Known: :-English and Hindi

Hobbies and Interest: Reading Books, Music, Debate and Discussions, Traveling, etc.

Declaration

I hereby declare that all the above information is true to the best of my knowledge& belief.

(Dr.Anu Verma)