

FACULTY PROFILE



NAME : **Dr. NAMRATA KAHAR**
DESIGNATION : **Guest-Lecturer**
DEPARTMENT : **BIOTECHNOLOGY**
INSTITUTION : **Govt. Digvijay Autonomous
PG College, Rajnandgaon,
(C.G), India.**
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ACADEMIC QUALIFICATION

	Subject/title for PhD	Year	University
Graduation	Biotechnology	2009-2012	Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G), India
Post- Graduation	Biotechnology	2012-2014	Pt. Ravi Shankar University, Raipur at Rungta College, (C.G), India
Ph.D. Zoology	Research Title: <i>“Exploring the unknown potential of <i>Sauromatum venosum</i> on proliferation of cancer cells.”</i>	2019-2024	Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G), India

AWARDS:

- Award of Ph.D. fellowship/JRF Non-AYUSH of CCRAS (*Central Council for Research in Ayurvedic Sciences*), New Delhi.
- GATE- BT 2016 (Graduate Aptitude Test in Engineering) Qualified.
- ICAR-NET-2016 (AGRICULTURAL SCIENTISTS RECRUITMENT BOARD) Qualified.

PUBLISHED PAPERS: 04

BOOKS & BOOK CHAPTERS: 1

Kahar, N., Mishra, P., Bhatt, R., Seth, R., (2023). Chemical Characterization of the crude extract of *Sauromatum venosum* (Voodoo Lily) and docking study with 12-O-Acetylingol 8-tiglate for cytotoxicity testing in SaOS2 (osteoblastic osteosarcoma cells). Analytical Science. Springer. *Anal Sci.* **2023 Oct 23.** doi: [10.1007/s44211-023-00441-2](https://doi.org/10.1007/s44211-023-00441-2).

Seth, R., **Kahar, N.,** Adile, S. (2022). Tumor Evasion of the Immune System: Role of Interferon and Tumor Necrosis Factor in Cancer. In: Rezaei, N. (eds) Handbook of Cancer and Immunology. Springer, Cham. https://doi.org/10.1007/978-3-030-80962-1_24-1.

Ratre, Y.K., **Kahar, N.,** Bhaskar, L.V.K.S. et al. Molecular mechanism, diagnosis, and potential treatment for novel coronavirus (COVID-19): a current literature review and perspective. *3 Biotech* 11, 94 (2021). <https://doi.org/10.1007/s13205-021-02657-3>.

Kahar, N. and Seth R: Role of plant-based active compounds in inflammatory responses of cancer. *Int J Pharmacognosy* (2021); [http://dx.doi.org/10.13040/IJPSR.0975-8232.IJP.8\(3\).89-103](http://dx.doi.org/10.13040/IJPSR.0975-8232.IJP.8(3).89-103).

PROJECTS (ONGOING) :

Award of Ph.D. fellowship/JRF Non-AYUSH of CCRAS (*Central Council for Research in Ayurvedic Sciences*), New Delhi.

PHD AWARDED UNDER GUIDANCE :

Research area: Cancer Biology, Molecular Biology. **Research Title** “*Exploring the unknown potential of *Sauromatum venosum* on proliferation of cancer cells.*” Under the guidance of **Dr. Rohit Seth (Associate Professor)**, Department of Zoology, Guru Ghasidas Vishwavidyalaya, Bilaspur, (C.G.), India.

INSTITUTIONS WORKED IN: **Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G), India**

LINK OF YOUTUBE CHANNEL:

Educational channel

<https://youtube.com/@competitiveonlinebiologycl9150?si=WSu6BiUUQrN-TTEr>

<https://unacademy.com/lesson/bohrs-effect-in-hindi/FBMV317M>

SEMINAR CONFERENCES Attended : **15**

Paper presented in seminar/conferences(no):

National : **08**

International : **05**

FDP/INDUCTION/REFRESHER COURSE ATTENDED : **02**