

CURRICULUM-VITAE

Name : **Dr. ALKA HARIT**

Date of Birth : 08th July 1983

Designation : Assistant Professor
Department Of Chemistry. HVM(P.G.), Raisi,
Haridwar, Uttarakhand-247671

Date of Joining : 06th January 2020

Address. : 2B-2235/C, Shivaji Nagar, Delhi Road,
Saharanpur (U.P.)-247001

Contact : 8077042893

Email : haritalka8783@gmail.com



EDUCATIONAL QUALIFICATION

Exam	Subjects	Year of Passing	University/board
Ph.D.	Chemistry	2019	G.K.V., Haridwar (U.K.)
M.Phil	Chemistry	2011	B.K. University Jhansi (U.P.)
M.Sc.	Chemistry	2005	C.C.S. University, Meerut (UP)
B.Sc.	Chemistry	2003	C.C.S. University, Meerut (UP)

TEACHING EXPERIENCE

Having 7 years for U.G. Classes & 5 Years for PG classes teaching experience.

FELLOWSHIPS/AWARDS

- Awarded by RJN fellowship w.e.f. July 2010 to June 2015 with reference no. F.14-2(SC)/2010(SA III)
- Awarded by “Young Scientist Award” in 3rd International Conference on Food, Agricultural and innovations (24-26) in Ranchi, Jharkhand on 25th dec. 2021.

- Awarded by “Uttarakhand Gaurav Ratan Award 2022 ” By Vishwa Seva Parishad in the field of education as a teacher in deputy speaker hall constitutional club of India New Delhi, 30th Sept. 2022.

SUPERVISION Of DISSERTATION WORK

- 10 Students of Class MSc. IV semester completed dissertation work under my supervision in the year of 2019-2020 and 2020-2021

PATENT

- A system and method for providing Mathematical model for blood flow in artery having multiple stenosis in the presence of externally imposed magnetic field” Patent Filed: 01 June, 2023, Patent Published: 07 July 2023,
Indian Patent – 202311037719, The Patent Office Journal No. 27/2023

RESEARCH PUBLICATIONS

- V. K. Gupta, Suhas, I. Tyagi S. Agarwal, R.Singh, M.Chaudhary, **A. Harit**, S. Kushwaha “**Column operation studies for the removal of dyes and phenols using a low cost adsorbent**”*Global Journal & Environmental Science Management.*, 2(1):1-10, 2016
- Suhas, Randhir Singh and **Alka Harit** “**Effect of chlorine substitution on the removal of phenols by activated carbon**”, *Environmental Conservation Journal*, 188(1&2)163-172, 2017
- **Alka Harit**, Suhas, Prashant Tevatia and Randhir Singh, **Adsorption studies of lead and crystal violet onto modified activated carbon.** *Journal of energy research and environmental technology*, 4(3),229-223, (2017)

RESEARCH BOOK/ BOOK CHAPATER

- M.Vassanda Coumar, Ajit Kumar Panday, M. Ravi babu, Ruby Saha, **Alka Harit**, Akshay Gautam, Md. Sajid Hussain, Dharminder, Kaushal Kishor, "**Agricultural / soil wastes and possible remedies**" , ISBN: 978-81928932-5-4, Edition,- **February, 2022** , Parmar publication (Book)

PAPERS PRESENTED IN SEMINAR/CONFERENCES

1. **Alka Harit***, Suhas and Randhir Singh. *National Conference on Resent advances in biosciences and drug discovery* (March 03-04, 2014) organised by department of pharmaceutical sciences, faculty of Ayurveda and medical sciences, Gurukula Kangri Vishwavidyalaya Haridwar. On the topic ” **Physically activated microporous carbon from lignin for preliminary studies of the removal of methylene removal dye**”
2. **Alka Harit***, Suhas and Randhir Singh. *National Conference on Science & Technology for Indigenous Development in India* (September 28-29, 2015). The Indian science congress

association Haridwar Chapter and Faculty of Engineering & Technology Gurukula Kangri Vishwavidyalaya Haridwar. On the topic ”**Adsorption studies of Macrocyclic complexes on Activated carbon**”

3. **Alka Harit***, *National Seminar on Forest fire and climate change: challenges and solutions under the auspices of Uttarakhand state council of science and technology, government of Uttarakhand, Dehradun.* (February 14-15, 2020). UPSCA, United professional and scholar for action, HRDC UGC, Nainital. Organised by Harsh Vidhya mandir (P.G.), College, Raisi, Haridwar-Uttarakhand on the topic “**Wildfire impact on water and the environment**”
4. **Alka harit*** and Suhas, *National conference on agricultural, climate, resilience and nutrition : adoption of integrated approach for sustainable development* (March 15-16, 2020) Department of economics, J.V.Jain (P.G.) College, Saharanpur(U.P.) on the topic “**A Detrimental Effect of wild fire ash on alteration of water quality**”
5. **Alka harit*** and Suhas National conference on relevance of veda, science & Technology in COVID-19 (July 30-31, 2020). Department of Computer Science, faculty of technology. Gurukula Kangri vishwavidyalaya, Haridwar on the topic ‘**Adsorption of methyl substituted cationic dyes on the activated carbon developed from lignin**’.
6. **Alka harit***, Arun Sharama and Vikas Tayal, *International Web Conference on post pandemic shift in higher education : A New global perspective* (May 21, 2021). Department of Management and Computer Science. By shri Vaishnav institute of management, Indore, M.P. India, on the topic “**Most significant education disadvantages of online learning in both secondary and higher**”
7. **Alka harit*** and Akshay Gautam, *National Seminar on Biodiversity in the Service of mankind* (September 18th, 2021). Department of Botany, Harsh Vidhya mandir (P.G.), College, Raisi, Haridwar-Uttarakhand on the topic “**Pollution seems to have adverse influence on aquatic biodiversity.**”
8. **Alka harit*** and Akshay Gautam, *International conference on Global initiative in agricultural, forestry and applied science* (October 17-18, 2021). Shri Guru Ram Rai University, Dehradun, Uttarakhand on the topic “**Adsorption study of Acidic and Basic dyes of same molecular weight onto Activated Carbon**”
9. **Alka harit*** and Akshay Gautam, *1st International conference on Advances in Chemical Sciences* (December.21-22, 2021) organised by Department of Chemistry, Harsh Vidhya Mandir(P.G.) College, Raisi, Haridwar, Uttarakhand on the topic “**A review on Activated Carbon prepared from different waste material as a precursors and its Applications.**”
10. **Alka harit*** and Akshay Gautam, *3rd International conference on food, Agricultural and innovations (hybrid mode)* (December 24-26, 2021). Presented by Krishi Tantra at Ranchi, Jharkhand on the topic “**Impact of Agricultural Pesticides on water quality**”

MEMBERSHIP OF JOURNALS

1. life time membership of the “**Indian science congress association**” Kolkata.
2. life time membership of the “**Association of Chemistry Teachers**” (ACT) Mumbai.
3. life time membership of “**Researchers Society of Chemical Sciences**”, Bhopal.

Date :

Place : Raisi, Haridwar

Dr. Alka Harit
(Assistant Professor)
Department of Chemistry