**Curriculum Vitae**

**Dr. Uzma P. Shaikh (Nehri)**

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**Dr. Uzma P. Shaikh (Nehri)**

**Department of Chemistry**

**Assistant Professor**

**Dr. Rafiq Zakaria College for**

**Women, Aurangabad-431001**

**Maharashtra (INDIA)**

**Email Id:** [**upshaikh@gmail.com**](mailto:upshaikh@gmail.com)

**Email Id:** [**druzmachem@gmail.com**](mailto:druzmachem@gmail.com)

**PERSONAL:**

Date of Birth: January 01, 1984

Nationality: Indian

Gender: Female

Marital Status: Married

**EDUCATION:**

* **Ph.D.:** January 2013 **(Degree awarded)**

**Title of thesis:** Synthesis of novel extractants and their application in solvent extraction.

**Research Guide:** Dr. B.R Arbad Professor and head dept. of Chemistry (2013)

Dr. Babasaheb Ambedkar Marathwada University Aurangabad

* **M.Sc.:** Inorganic Chemistry June 2007 with **(Merit-III) 76%**

Department of Chemistry,

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

* **B.Sc.:** June 2005 with **83%**

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

* **HSC:**  Aurangabad Board, M/A 2002, **75%** with distinction
* **SSC:** Aurangabad Board, M/A 2000, **72%**

**FELLOWSHIPS:**

* Maulana Azad National Fellowship for Minority (2009) UGC New Delhi.
  + UGC-Junior Research Fellowship
  + UGC-Senior Research Fellowship

# Teaching Experience

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| **Name of employer** | **Type of services** | **Designation** | **Nature of post** | **From-To** |
| Dr.Rafiq Zakaria College for Woman | UG | Asst. Professor | Permanent | 21-10-16 to Till date |
| Maulana Azad College | PG | Asst. Professor | CHB | Jul13-Oct16 |
| Dept.of Chem Dr.BAMU | PG | Asst. Professor | CHB | Jan13-Apr16 |
| PES College | UG | Lecturer | Contract | Dec12-Jan13 |
| Maulana Azad College | PG | Lecturer | CHB | Jun08-Dec08 |

**RESEARCH EXPERIENCE:**

**As a research scholar:** Sept. 2008 to Jan 2013

(Department of Chemistry, Dr. BAM University, Aurangabad)

**As an assistant Professor:** Oct. 2016 to till date

(Dr. Rafiq Zakaria College for Women, Aurangbad)

# Research Papers Published

**International and National: 08**

1. Simultaneous determination of platinum group metals using sulphur containing extractant. Uzma Parveen K. Shaikh, *International journal of engineering sciences & research technology* September 2017, ISSN: 2277-9655 6(9), pp 709-710.
2. Extraction of Pd(II) and its spectrophotometric determination using DMABIMTT. Uzma Parveen Shaikh, Aayesha Nuzhat Durrani *International Journal of Universal Print* ISSN: 2454-7263 ID: ACTRA 2018, Volume No. 04, Issue No.01, pp 49-53.
3. Synthesis and Characterization of Sulphur Containing Extractant. Uzma Parveen Shaikh, *International Journal of Scientific Research in Chemistry* ISSN: 2456-8457, July-August-2018, 3(2), pp. 80-82.
4. Solvent extraction study of Gold (III) from Malonate media. Uzma Parveen Shaikh, *Epitome International Journal of Multidisciplinary Research* ISSN: 2395-6968, January 2019, Vol. 5, Issue 1, pp. 17-21.
5. Analysis of Various tea Samples. Uzma Parveen Shaikh, Int J Scientific Res. Sci Technol. ISSN: 2395-6011, November-December-2019; 6 (6), pp. 368-370.
6. Chapter in book: Liquid Extraction of Platinum (IV) from Organic acid Media. ISBN No.978-93-85426-49-0. “Innovation in life sciences for sustainable development”pp.140-143 2019.
7. Extraction and spectrophotometric study of Ruthenium(III). Uzma Parveen Shaikh, *Epitome International Journal of Multidisciplinary Research* ISSN: 2395-6968, October 2020, Vol. 6, Issue 10, pp. 10-14.
8. Highly Efficient Extraction of Rhodium (III) from Hydrochloric Acid Solution with DMABIMTT. Uzma Parveen Shaikh*, International Journal of Global Science Research* ISSN: 2348-8344 (Online) Vol. 7, Issue. 2, October 2020, pp. 1438-1440.
9. Physico-chemical study of water samples for drinking purpose. Vidyawarta, Oct. –Dec. 2020, Issue 36-Volume-13, ISSN: 2319-9318.
10. Ternary complex formation equilibria of tetradentate Schiff base ligand with Zn(II) and dipeptides. *International Journal of All Research Education and Scientific Methods* ISSN: 2455-6211 Volume 9, Issue 5, May-2021, pp. 2562-2568.

# Conference attended /paper /Poster presented

1) Attended National workshop on “Research Methodology” organized by Maulana Abul Kalam Azad Chair (UGC) Dr. B.A.M.U. Aurangabad. 2016.

2) Actively participated in Analytical Chemistry Teachers and Researchers Association organized by Dr. Rafiq Zakaria Campus-I Aurangabad, on 8 Jan. 2017.

3) Attended state level seminar on “Recent trends in chemistry” organized by Yeshwant Rao Chavan College of Arts, Commers and Science on 6 Feb 2017.

4) Presented research paper entitled Liquid-liquid extraction of Ruthenium (III) with EBIMTT from hydrochloric acid media. (Poster presentation) in National Conference on Frontiers in Chemical Sciences and Drug Development organized by Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University Aurangabad during 17th-18th March 2017.

5) Attended National Conference on “New emerging trends in environment to control and prevent pollution” organized by Department of Chemistry, Pratishthan Mahavidyalaya on 24-25 March 2017.

6) Attended National Seminar on “National Council for promotion of Urdu language” organized by Dr. Rafiq Zakaria College for woman A’bad on 15 July 2017.

7) Attended National Workshop on “Emotional intelligence in the Workplace” organized by Dr. Rafiq Zakaria Campus A’bad on 7th Oct. 2017.

8) Presented research paper entitled “Extraction of Pd(II) with DMABIMTT and its spectrophotometric determination. (Poster presentation) in International Conference on Innovations in biological and chemical Science” organized by Department of Zoology, Dhanaji Nana Mahavidyalaya, Faizpur Jalgaon (M.S.) during 21th-22th Dec 2017.

9) Attended One day Yuwati Parishad (Buwabaji and Laingik Shoshan) organized by Dr. Rafiq Zakaria College for woman A’bad on 3rd Jan. 2018.

10) Actively participated in Analytical Chemistry Teachers and Researchers Association organized by Sant Ramdas Arts, Commers and Sciene College, Ghansawangi Jalana on 21st Jan. 2018.

11) Attended National Conference on, “Modern perspectives in chemical science and research.” organized by Shri Shivaji College Parbhani on 30th Jan 2018.

12) Attended National Seminar on “Research Methodology in life Sciences” organized by Dr. Rafiq Zakaria College for woman A’bad on 4th Feb. 2018.

13) Attended National Level Seminar on “Innovative trends in chemical sciences” organized by S.B.E.S. College of science Aurangabad on 14th Feb. 2018.

14) Attended Regional workshop on “New API for performance based Appraisal system” organized by Maulana Azad College of Arts Science and Commerce in association with Dr. B.A.M.University Aurangabad on 2nd May 2018.

15) Attended “National Council for Promotion of Urdu Language” organized by Dr. Rafiq Zakaria College for woman A’bad on 23rd July 2018.

16) Actively participated in National level seminar organized by Analytical Chemistry Teachers and Researchers Association (ACTRA) and S.B.E.S college of Science, Aurangabad on 10/03/2019.

17) Attended Regional Seminar on “Spectroscopy and stereochemistry” by Dr. P. S. Kalsi organized by Maulana Azad College of Arts Science and Commerce Aurangabad on 22nd -23rd July 2019.

18) Attended International Multidisciplinary Research Conference on “Biodiversity, Climate Change, Environment and Life Sciences” organized by SBES College of Science, Aurangabad, Extraction and Separation Studies of Platinum(IV) with DMABIMTT as an Extractant. Uzma Parveen K. Shaikh, ISBN: 978-93-5382-353-5, pp. 34, July 29-30, 2019.

19) Attended National Seminar on “New avenues of research in Chemical and Biological Sciences” organized by Sir Sayyed College of Arts, Science and Commerce Aurangabad on 01 Oct. 2019.

20) National Workshop on “Development of Teacher's e-Kit”. Organize by HRDC GAD-TLC SGTB Khalsa College, University of Delhi under the PMMMNMTT of MHRD on 27th April 2020.

21) One Day National Webinar entitled “Towards excellence in higher education in India in the 21st century: Challenges and opportunities ” organized by HRDC GAD-TLC, SGTB Khalsa College, University of Delhi under the PMMMNMTT of MHRD on 29th April 2020.

22) Attending International E-Conference on “Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World” organized by Government Vidarbha Institute of Science & Humanities, Amravati, India on 15th - 17th May, 2020.

23) One Day National Webinar entitled “Unravelling the National Education Policy 2020” organized by HRDC GAD-TLC, SGTB Khalsa College, University of Delhi under the PMMMNMTT of MHRD on 9th August 2020.

24) Participated in One Day National Webinar entitled “Promotional Avenues for Teachers in Higher Education: CAS Regulations- 2018” organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the PMMMNMTT of MHRD on 5th September 2020. (This is equivalent to a regular One Day National Seminar).

25) Presented paper entitled “Water quality monitoring of ground water” in International web conference (IWC 2020) on Safe water, sanitation and hygiene for health on 9- 11 Nov. 2020.

26) One Day Online National Workshop entitled “Flipped Learning Approach: A Novel ICT-Empowered Pedagogy for 21st Century Learning Needs” organized by HRDC GAD-TLC, SGTB Khalsa College, University of Delhi under PMMMNMTT, on 26th November 2020.

27) Presented Online Poster of the paper entitled “Comparative Study of Palladium(II) Extraction Using EBIMTT and DMABIMTT Extractants” in the Certificate of Poster Presentation Study ofPalladium(II) Extraction Using EBIMTT and DMABIMTT Extractants” in the Analytical Chemistry Section of the 57th Annual Convention of Chemists, 2020 & International Conference on “Recent Trends in Chemical Sciences (RTCS-2020)” organized by the Indian Chemical Society, Kolkata during December 26 – 29, 2020.

28) One Day Online National Webinar entitled “Examining India's Examination System” organized by HRDC GAD-TLC (PMMMNMTT) on 25th January 2021.

29) Presented paper in National Convention of Chemistry Teachers 2020 (NCCT 2020) “Determination of tannins in tea and coffee samples”., from 29th Nov to 1st Dec 2020.

# Orientation/ FDPs / Refresher courses

1. Completed Orientation course of 30 days from Dr. BAMU HRDC from 1/1/19 to 30/1/19.
2. Completed Swayam ARPIT Refresher course of 16 weeks under the (PMMMNMTT) of MHRD Feb-2020.
3. Completed National One Week Online Faculty Development Program on “Developing Multimedia enriched Powerful Presentations” organized by University of Delhi under the (PMMMNMTT) of MHRD. (11-16 August 2020).
4. One week Faculty development program on “Development of Teacher's e-kit and MOOCs in Four Quadrant Format of e-Content.” (12-20 September 2020)
5. Completed National One Week Online Faculty Development Program “Learning management system for online teaching-learning”. (11-17 October 2020)
6. Completed National One Week Faculty Development Program on “Digital Tools for 21st Century: Word Processing & Spreadsheets.” (27th January to 02nd February 2021)
7. Completed National Faculty Development Program “Enhancing Quality of Chemistry Education In India”, organized by University of Delhi under the (PMMMNMTT) of MHRD. (25 Feb- 3Mar 2021).