

## BIO-DATA Format (FACULTY)

1. Name: Fouzia Rafat
2. Designation: Assistant Professor
3. Department: Chemistry
4. Date of Joining: 04/03/2008
5. Qualifications:  
Details:



Sl. No.	Year	Course	Subject	Specialisation	Board/University	%
1.	1991	X	Sci., Soc.Sci. Math etc.		Bihar Board	68.4
2.	1993	I.Sc.	PCB		Bihar Inter Council	58.7
3.	1997	B.Sc.	Chemistry (Hon.)		Vinoba Bhave University, Hazaribag	70
4.	2000	M.Sc.	Chemistry	Organic	Vinoba Bhave University, Hazaribag	72.7
5.	2004	Ph.D.	Chemistry	Inorganic	Aligarh Muslim University, Aligarh	
6.	June 1999 Dec. 2000	NET(LS)	Chemical Sciences			
7.	July 2001	NET (LS&JRF)	Chemical sciences			

6. Field of Specialisation: Organic Chemistry

7. Official Address: University Department of Chemistry  
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825301
9. Mobile No.: 9801306577
10. Email: [fouziarafat@yahoo.com](mailto:fouziarafat@yahoo.com)
11. Awards/Honour: Nil
12. Teaching Experience:
- Worked as Guest Faculty, Women's College, A.M.U. Aligarh, India from 19<sup>th</sup> March 2005 till 3<sup>rd</sup> March 2008.
  - Presently working as Assistant Professor, University Department of Chemistry, Vinoba Bhave University, Hazaribag, Jharkhand from 4<sup>th</sup> March 2008.
13. Research Experience:
- Worked as junior research fellow, Department of Chemistry, A.M.U., Aligarh 202002, India from 1<sup>st</sup> Jan. 2002 to 31<sup>st</sup> Dec. 2003.
  - Worked as senior research fellow, Department of Chemistry, A.M.U., Aligarh 202002, India from 1<sup>st</sup> Jan. 2004 to 18<sup>th</sup> March 2005.
14. Industrial Experience: Nil
15. Administrative Experience:
- Worked as warden, Abdullah Hall, A.M.U., Aligarh, India from 1<sup>st</sup> Aug. 2005 till 3<sup>rd</sup> March 2008.
16. Research Paper Published in Journals:
- Non isothermal decomposition kinetics of urea. **Fouzia Rafat**. *International Journal of Current Research*. 2014, 6 (12), 10558-10561.
  - Effect of different heating rate on the thermal decomposition of urea in an open reaction vessel. **Fouzia Rafat**. *Archives of Applied Science Research*. 2014, 6(5), 75-78.
  - Synthesis and Physicochemical properties of Schiff base macrocyclic ligands and their transition metal chelates. **Fouzia Rafat** and K.S.Siddiqi. *Journal of the Korean Chemical Society*. 2011, vol. 55, no.6, pp 912.

- Synthesis, characterization and kinetics of metal complexes containing dithiocarbamate and polypyridine. **Fouzia Rafat**, K.S.Siddiqi and M.Y.Siddiqi. *Polish journal of Chemistry*. 2007 vol. 81, pp 313.
- Synthesis and characterization of complexes of isatin Schiff base. **Fouzia Rafat**, K.S.Siddiqi and M.Y.Siddiqi *Polish journal of Chemistry*. 2005 vol. 79 pp 663.
- An anionic moiety  $MCl_4^{2-}$  (M = Cu, Zn, Cd and Hg) stabilized by bis(diethylenetriamine)copper(II) cation. K.S.Siddiqi, **Fouzia Rafat**, M.Y.Siddiqi, Lutfullah and Yonas Chebude. *Polish journal of Chemistry*. 2004 vol. 78 pp 2047.
- Synthesis and characterization of Ni(II), Cu(II) and Co(III) aminoethyl pendant arm. **Fouzia Rafat**, M.Y.Siddiqi and K.S.Siddiqi. *Journal of Serbian Chemical Society*. 2004 vol. 69 pp 643.
- Synthesis and characterization of trinuclear complexes containing Cu(II) and Ti(IV). **Fouzia Rafat**, K.S.Siddiqi and Lutfullah. *Synthesis and Reactivity in Inorganic and Metal-organic Chemistry*. 2004 vol. 34, no. 4, pp 763.
- Preparation of two isomers of  $Cu(dien)Cl_2$ . K.S.Siddiqi, Sadat H. Kar and **Fouzia Rafat**. *Synthesis and Reactivity in Inorganic and Metal-organic Chemistry*. 2004 vol. 34, no. 1, pp 93.
- Novel  $N_4$  macrocycles and their transition metal chelates. K.S.Siddiqi, N.Nishat and **Fouzia Rafat**. *Synthesis and Reactivity in Inorganic and Metal-organic Chemistry*. 2003 vol. 33, no. 10, pp 1835.

17. Research Paper presented in Seminar/Conference

- Presented a paper in an international conference held at Vinoba Bhave University, Hazaribag, Jharkhand during 27-29<sup>th</sup> June 2009.
- Presented a paper in national seminar held at Anthropology department, Vinoba Bhave University, Hazaribag, Jharkhand during 16-17<sup>th</sup> November 2011.
- Presented a paper in national seminar held at Sanskrit department, Vinoba Bhave University, Hazaribag, Jharkhand during 21-22<sup>nd</sup> February 2012.
- Presented a paper in national seminar held at Economics department, Vinoba Bhave University, Hazaribag, Jharkhand during 17-18<sup>th</sup> March 2012.

18. Text/Reference Book Published: Nil

19. Refresher Course/Orientation Course attended:

- Participated in the UGC-Sponsored 51<sup>st</sup> **Orientation Programme** organized by the UGC-Academic Staff College, Ranchi University, Ranchi from 10<sup>th</sup> Nov. 2008 to 7<sup>th</sup> Dec. 2008.

- Participated in the UGC-Sponsored Refresher Course in ‘**Chemistry**’ organized by the UGC-Academic Staff College, Ranchi University, Ranchi from 2<sup>nd</sup> Dec. 2009 to 22<sup>nd</sup> Dec. 2009.
- Participated in the UGC-Sponsored Refresher Course in ‘**Basic Science**’ organized by the UGC-Academic Staff College, Ranchi University, Ranchi from 4<sup>th</sup> March 2013 to 24<sup>th</sup> March 2013.
- Participated in the UGC-Sponsored Refresher Course in ‘**Basic Science**’ organized by the UGC-Academic Staff College, Ranchi University, Ranchi from 3<sup>rd</sup> March 2014 to 23<sup>rd</sup> March 2014

20. Research Project Guided: Nil

21. Affiliations/Membership:

- Life member, Indian Council of Chemists, India
- Member of Post Graduate Research Council (Faculty of Science) in Vinoba Bhave University, Hazaribag, Jharkhand

22. Extra Curricular Activities:

- Organising committee member in republic day celebration of 2012.
- Organising committee member in international conference held by VBU Hazaribag.

23. Achievements:

24. Any Other Details:

25. Words to Students: It is better to look ahead and prepare than to look back and regret.