



**Dr. Anil Kumar Singh**

**Present Position:**

**Designation:** Associate Professor

**Department:** Post Graduate Department of Chemistry

**College:** A. N. College, Patna, Magadh University, Bodh Gaya

**Educational Qualification:**

Ph.D. : V.K.S. University, Ara, 2005

M.Sc. : A.N. College, Patna, M.U. Bodh Gaya, 1988

B.Sc.: A.N. College, Patna, M.U. Bodh Gaya, 1985

**Date of Birth:** 01.01.1964

**Research Interest:** Solid State Chemistry and Environmental Chemistry

**Academic Experience:** Twenty one years

- 1) H.D. Jain College, Ara, V.K.S. University, Ara
- 2) University Department of Chemistry, V.K.S. University, Ara
- 3) A.N. College, Patna, Magadh University, Bodh Gaya

**Administrative Experience :**

- 1) Principal, S.V.P. College, Bhabhua, V.K.S., University, Ara - 2009-2014
- 2) Principal, D.K. College, Dumraon, V.K.S. University, Ara - 2014-2017

**Research Papers published:**

- 1) Physico-Chemical Characteristic of the Maharaja Badabagh Fish Pond, Dumraon, Biospectra, Vol 7(1), 67-70, 2012.

- 2) Evolution of Bond Force Constant from Infrared Spectral Data and their Correlation Between Bond Dissociation Energy Computed Theoretically for Metal Chalcogenides, Bulletin of Pure and Applied Sources, Vol. (32c), Chemistry No.(2), 87-95, 2013.
- 3) Correlation Between Bond Dissociation Energy of Alkali Metal Halides and Force Constant, Evaluation from IR Data, Bulletin of Pure and Applied Sciences, Vol. (32c) Chemistry no. (2), 61-69, 2013.
- 4) Water Quality Status of a Polluted Pond, Bhabhua Town (Kaimur) Bihar, Nature Environment and Pollution Technology, Vol. (12), No.1, 217-219, 2014.
- 5) Effect of Dipolar Protic Solvent on the Physicochemical Potential of Aliphatic Caproates, Napier Indian Advanced Research Journal of Science, Vol (16), 7-14, 2014.

**Book Published:**

The Chemical Bond in Inorganic Chemistry, Globus Press, ISBN 978-93-85379-78-9, Delhi, 2016

**Research Scholars Guided For Ph.D. Degree:**

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|----------------------|------|
| 1) Shivchandra Kumar | 2012 |
| 2) Anil Kumar        | 2015 |
| 3) Deepak Kumar      | 2015 |

**Professional Memberships:**

- 1) Life Member of Indian Science Congress Association: L- 12607
- 2) Fellow Member of Indian Chemical Society: F/ 6633

**Innovation in Teaching:**

- 1) Counseling and guidance to postgraduate and undergraduate students.
- 2) Beside traditional method, use of power point presentation method to teach.
- 3) Development of evaluation methods to enable students to cope with university as well as competitive examination.

**Seminar Organised:** National Seminar on "Women's Empowerment", 2012

**Training and Workshop Attended:**

- 1) Orientation Course: ASC, Patna University, 1999.
- 2) Refresher Course: ASC, Allahabad University, Allahabad, 2004.
- 3) ASC, DDU, Gorakhpur University, Gorakhpur, 2006.
- 4) Participated in various national and International convention, workshops and symposiums.

**Addition Activity:**

Acting Professor-in-Charge, Central Instrumentation Centre, A.N. College, Patna from July 2017.

Served as Member of Senate and Syndicate - V.K.S. University, Ara, 2014-2015

Served as Member of Academic Council- V.K.S. University, Ara, 2014-2017