

RESUME OF Dr. ARCHNA SAXENA

Name	Dr. Archna Saxena
Father's Name	Late K.G. Saxena
Date of Birth	08.07.1970
Qualification	M.Sc., Ph.D.
Designation	Assistant Professor
Address	
Office	D.B.S. (P.G.) College Govind Nagar Kanpur (U.P.) – 208006
Residence	74, New MIG Hemant Vihar, Barra-2 Kanpur (U.P.) – 208027
Teaching Experience	UG – 24 Years, PG – 24 Years
Research Experience	27 Years



Awarded

- (1) “SARASWATI SEVA PURUSKAR” Awardee (2008- 2009) Given by LIONS CLUBS INTERNATIONAL
- (2) “GURUJAN SAMMAN SAMAROH” Awardee -2009 Given by SEVA SANSTHAN KANPUR
- (3) “SHIKSHAK RATNA” Awardee 4th September – 2011.
- (4) “SHIKSHAK RATNA” Awardee – 2016.

International Conference

Committee member of ICOFMAETICS (International Conference On Futuristic Materials And Emerging Trends In Chemical Sciences 8-February-2016 organized by Department Of Chemistry D.B.S College, Kanpur Affiliated To CSJM University Kanpur, INDIA

Major research project:

Completed Major Research Project Supported by U.G.C. New Delhi [(F. NO. 41-336/2012 (SR)] entitled “ Ultrasonic Study of thermodynamic and mechanical properties of liquid – liquid mixture”.

Publications of books : 1

- (1) Advance text book of physical chemistry. Pages – 205

Publications of book, chapters in books: 1

Densities , Viscosities & ultrasonic study of binary liquid mixture at different temperature.

Research paper published: 18

- (1) Ultrasonic Study of thermodynamic and mechanical properties of liquid mixture. Journal of current science 12 (2) 597 – 602 (2008).
- (2) Antimicrobial studies of some new amides of amino acid. International Journal of pharmaceutical research. Volume 1, Number 1, January – June (2009), pp 1 – 5.
- (3) Structure of polysaccharide occurring in seeds of crotalaria mimosa part – 1: Hydrolytic studies. Journal of progressive research 4 (1) 66 – 68 (2009).
- (4) Biological screening of some new tetra cyclic amides of amino acid. Journal Chemtracks, 12 (1), 79 – 82, (2010).
- (5) Study of intermolecular interaction in binary mixture of ethylamine and benzyl alcohol at 303⁰c. Journal of Indian Council of Chemist. Volume 27, No.2, 2010, pp 194 – 196.
- (6) Synthesis of some new amides and their toxicological effect on an insect spodoptera litura. International Journal of chemical research volume 2, issue 2, (2010), pp 17 – 20.
- (7) Synthesis of some new fungicidal cyclic tetra amides using microwaves. Journal of Progressive Research 6(2): 253 – 254 (2011).
- (8) Ultrasonic and Viscometric Studies of binary mixture of ethylamine and benzyl alcohol at 308.150K. Journal of Chemtracts, 13(2),: 415 – 418, (2011)
- (9) Treatment of industrial waste water containing heavy metal ions. Journal of Chemtracts, 14 (2), 373 – 374, (2012).

- (10) Ultrasonic Studies and Molecular Interactions of Binary Liquid Mixture of Ethylamine and Benzyl Alcohol at 313.15K. Research Journal of Chemical Science, Volume 3(5), 1-4, May (2013).
- (11) Densities, Viscosities and Ultrasonic studies of binary liquid mixture of Ethyl amine and Benzyl alcohol at different temperatures, 'American Chemical Science Journal " volume 3(4) :468-478, 2013.
- (12) Synthesis and biological activities of some new amides of amino acid. American International Research in Formal, Applied & Natural Sciences. 7(1), June-August, 2014, pp. 88-90.
- (13) Ultrasonic Studies and Densities Measurements in Binary Liquid . Mixture of .Toluene with 1,2-Dichloroethane at 303.15 K. Chemical Science Transactions. 2015, 4(4), 955-960
- (14) Synthesis Characterization and Antimicrobial Screening of Some Tetra cyclic Amides Chemical Science Transactions 2016, 5(4), 930-933.
- (15) Ultrasonic Study on Binary Liquid Mixture of Toluene with 1,2Dichloroethane At 308.15k. IOSR Journal of Applied Chemistry (IOSR-JAC) .Volu10, Issue 9 2017, PP 61-64
- (16) Molecular Interaction and Excess Thermodynamic Parameters In Binary Liquid Mixture Through Ultrasonic Measurements at 313.15 K. Am. J PharmTech Res. 2018; 8(3) pp 74-81
- (17) Study of Thermo Physical Properties of Binary Liquid Mixture At 303.15 K IOSR Journal of Applied Chemistry (IOSR-JAC).Volume 14, Issue 12 Ser. I (December 2021), PP 22-25
- (18) Acoustic Study Of Binary Liquid Mixture At 298.15 K Using Ultrasonic Interferometer International Journal Of Recent Scientific Research. Vol.13, Issue, 08 (C), Pp. 2159-2161, August, 2022.
- (19) Study Of Different Parameters For Binary Liquid Mixture Of Ethyl Amine And Cyclohexanol At 308.15 K , JETIR Volume 11 Issue 6 ,h615 – h620 , 2024

Presented papers in national / international seminars and conferences - 12

Seminars and conferences attended: 13

Workshop attended 07

- (1) वैज्ञानिक तथा तकनीकी शहदावली आयोग द्वारा विज्ञान के बढ़ते चरण विमाय की शहदावली कार्यषाला में 01.10.2002 से 02.10.2002 तक भाग लिया ।
- (2) वैज्ञानिक तथा तकनीकी शहदावली आयोग द्वारा जल संरक्षण एवं पर्यावरण विमाय की शहदावली कार्यषाला में 09.09.2006 से 10.09.2006 में भाग लिया ।

- (3) National workshop on "GREEN CHEMISTRY" Present Scenario in India; Education and Application ,11th December,2009 organized by ANDNNM College Kanpur.
- (4) Science Academies' Lecture Workshop on Advances in Bioinorganic and Nano Chemistry" held at D.A.V. College Kanpur November 12- 13,2011.
- (5) One – Day International Workshop On Nuclear Safety "held at PRANVEER SINGH INSTITUTE OF TECHNOLOGY KANPUR (U.P.) on 9th February 2012
- (6) Commission for scientific and technical terminology organize a workshop on "Technical Terminology And Science Education held on 29-30 October 2013. at K. K. (P.G.) College Etawah (U.P.)
- (7) International foundation of humanistic education,Kanpur organize a workshop on "Organic Farming" held on 2nd November,2013 at IIT, Kanpur.

Initiative undertaken towards faculty development programme

- (1) Participated in the orientation course from Oct. 2020 HRDC Lucknow
- (2) Participated in the Refresher course Nov. 2021. HRDC Lucknow

Extra curricular activities:

- (i) Life Member of Indian Council of Chemist LF/1152
- (ii) Life Member of Society for Scientific development in Agriculture and Technology Jhansi.
- (iii) Member of swadesi science movement Lf 538
- (iv) Life Member of Vigyan Bharti. LF/ 161
- (v) Life Membership of Association of Chemistry Teacher LF/925
- (vi) Member of Admission Committee , D,B,S College, Kanpur
- (vii) Member of Examination Committee, D.B.S. College, Kanpur.