

## CURRICULUM-VITAE

**Name :** Dr. Hari Om Sharma  
**Fathers Name:** Shri Siddh Gopal Sharma  
**Designation:** Assistant Professor  
**Department:** Chemistry  
**Date of Birth:** 05-03-1978

### EDUCATIONAL QUALIFICATION:

- **Ph. D.** entitled “Purification, Characterization and Rheological studies of protein threonine phosphatases from peanuts” in 2013 from C.C.S. University, Meerut
- **NET** in Chemical Science 2001, 2002, 2006 from CSIR-UGC.
- **M. Sc. (Physical Chemistry)** with I<sup>st</sup> division in 2004 from C.C.S. University, Meerut
- **M. Sc. (Organic Chemistry)** with I<sup>st</sup> division in 2000 from C.C.S. University Meerut.
- **B. Sc.** in 1998 with I<sup>st</sup> division, from C.C.S. University Meerut
- **Intermediate** in 1994 with I<sup>st</sup> division, from UP Board Allahabad.
- **High School** in 1992 with I<sup>st</sup> division, from UP Board Allahabad.

### COMPUTER PROFICIENCY:

1. Basic knowledge of Computer Application
2. Packages: MS-Word, MS-Access, MS- Excel, MS-Power Point, Photoshop.

### TEACHING EXPERIENCE:

- Five year four months experience as temporary lecturer in DAV (PG) College, Muzaffarnagar (from 01-09-2003 to 27-01-2009).
- Eleven years experience as Assistant Professor in CCR (PG) college, Muzaffarnagar (From 28-01-2009 to till now) .

## **RESEARCH PAPERS**

- A paper published in oriental journal of chemistry entitled “Synthesis, Cure and Thermal properties of Bismaleimide resin and Allylnadic-imide” in 2012, ISSN-0970020X (Print) 22315039 (Online).
- Paper published in Journal Agriways entitled “ Effect of surfactants on protein threonine phosphatase activity in peanut” in 2015, ISSN-23218614 (Print) 24542318 (Online).
- Paper published in Journal Agriways entitled “ Ascaridiasis: A major problem in poultry” in 2016, , ISSN-23218614 (Print) 24542318 (Online).
- Paper published in Journal Asian journal of environmental science entitled “ The Effect of perchloric acid as an oxidative stress trigger for protein threonine phosphatase in Arachis hypogea L” in 2017, ISSN-09734759 (Print) 09768947 (Online).
- Paper published in ISST journal of applied chemistry entitled “ Effect of different concentration of ethylene diamine tetra acetic acid on alkaline phosphatase activity ” in 2018, ISSN-09767355.
- Paper published in Journal of Global Bioscience entitled “ Protein phosphatases- occurrence, classification and as drug targets in human diseases” in 2019 ISSN-2320-1355.
- Paper published in Journal of Emerging technologies and innovative research entitled “ Drug development in relation to specific targets: opportunities and future prospects” in June 2019, ISSN-23495162.
- Paper published in International Journal of research and analytical reviews entitled “ Estimation of genetic variability in Indian mustard (Brassica juncea L) 2019, ISSN-23495138 (Print) 23481269 (Online)..
- Paper published in Journal Plant achieves entitled “ Production of biodiesel: industrial, economic and energy aspects: A review” in 2020 ISSN-09725210 (Print) 25816063 (Online).
- Paper published in International journal of plant sciences entitled “ Causes of water pollution: ecological and rejuvenation of rivers in context with India” in 2020 ISSN-09731547.

## **RESEARCH EXPERIENCE:**

- Seven Years research experience in the field of Chemistry, Biochemistry.

## **BOOK CHAPTERS**

- Five chapters published in 11 standard chemistry book by Shri Bala Ji publication (2019) ISBN-9789384934248.
- Six chapters published in 11 standard chemistry book by Shri Bala Ji publication (2019) ISBN-97893849334255.
- Six chapters published in “Green Initiatives and sustainable development” by Learning media publication, Meerut (2020) ISBN-9788194250326.
- Three chapters published in “Innovations in science and technology” by Swastik publication, New Delhi (2020) ISBN-9789387367678.

## **ORGANIZATION AND PARTICIPATION IN SEMINAR/REFRESHER COURSE**

Participated and presented paper more than 28 seminar, 30 webinars and 5 refresher courses and organizing member in 4 seminars.

- Participated in one day seminar on “Applications of XRF in petroleum industry” 8<sup>th</sup> on may 2009, at Essex Farms, New Delhi.
- Attend one day seminar on “Analytical Sciences in Energy and Environment” on November 19-20, 2009 at IIP, Dehradun and present a poster entitled “Development of tissue specific localization in arachis hypogea:Effect of oxidative stress”
- Participated in one day seminar on “Recent trends in instrumental methods of analysis” on February 18-20, 2011 at IIT Roorkee,Roorkee.

- Attend one day seminar on “Borosil Mansingh Survismeter” an advance instrument to measure the physical properties of solution, on December 11, 2011 at DAV college, Muzaffarnagar.
- Attend one day seminar on “Climate change and Agriculture” and present a paper entitled “Organic management practices for mitigating climate change” on April 10, 2012 at CCR (PG) college, Muzaffarnagar.
- Orientation Programme from 21-09-2012 to 16-10-2012 with “A” grade from UGC Academic staff college, Aligarh Muslim University, Aligarh.
- Attend two day seminar on “Current Research and Education in Chemical Sciences” on March 19-20, 2013 at DAV college, Muzaffarnagar, and presented a paper entitled “The study of sodium vanadate as a potent inhibitor for protein threonine phosphatase”
- Participated in Refresher course in “Disaster Management (Chemistry)” from 03-12-2014 to 24-12-2014 in UGC with “A” grade from Academic staff college, AMU, Aligarh.
- Attend two day National Seminar on “The role of biology in bringing second green revolution” on october 11-12, 2015 at Department of Botany, M.S. college Saharanpur and present a paper entitled “Role of protein tyrosine phosphatases in development and tissue specific localization in arachis hypogea seedlings”
- Participated in Refresher course in Chemistry from 23-11-2015 to 12-12-2015 with “A” grade from UGC-Human Resource Development centre, H.P. University, Shimla.
- Attend two day National Conference on “Recent Advances in Diversified Agricultural System” and present a paper entitled “Ascariasis: A major problem in Poultry” on February 20-21, 2016 at CCR (PG) college, Muzaffarnagar.
- Attend one day National Seminar on “Skill Development in India” on March 14, 2016 at Department of Botany, Govt. (P.G.) college Deoband, Saharanpur and present a paper entitled “Skill Development in India Challenge Ahead”
- Attend one day National Conference on “Amelioration of Pollution Effects in Agricultural Crops” and present a paper entitled “Biochemical changes in the Serum of Black Rat induced Chemosterilant” on March 15, 2016 at CCR (PG) college, Muzaffarnagar.

- Attend one day seminar on “Recent Innovative changes in Science and Technology” on March 29, 2016 at DAV college, Muzaffarnagar, and presented a paper entitled “Induction of Acid Phosphatase activity during Germination of Maize Seedlings”
- Attend one day National Conference on “Natural resources management for sustainable agriculture” and present a poster entitled “Effect of oxidative stress on PThPase enzyme activity” on October 25, 2016 at JV (PG) college, Baraut, Baghpat.
- Attend one day National Conference on “Green chemistry for sustainable future” and present a paper entitled “Atom economy chemical synthesis” on February 25, 2017 at CCR (PG) college, Muzaffarnagar.
- Attend one day National Seminar on “Recent development in Science and Technology” and present a paper entitled “Effect of hydrogen peroxide on the activity of protein serine phosphatase” on February 19, 2017 at Meerut college, Meerut.
- Attend one day National Seminar on “Bioenergy and Waste management:Strategies and solutions” and present a paper entitled “Future sustainability of Algae biofuel: Energy, Economy and Enviornmental Impacts” on September 9, 2017 at SD college of Engg. And Technology, Muzaffarnagar.
- Participated one day seminar on “Biodiversity and its conservation” on December 15, 2017 at DAV college, Muzaffarnagar.
- Participated one day National conference on “Challenges and solutions of higher education in present time ” on December 26, 2017 at DAV (PG) college, Bulandsahar.
- Attend two day National seminar on “ Innovative techniques in scientific research and skill development”and present a paper entitled “A sustainable energy source biofuel : A review on January 28 &29, 2018 at Meerut college, Meerut.
- Attend two day International seminar on “ Role of nanomaterials in energy sufficient processes for sustainable environment”and present a paper entitled “Nanomaterials as immobilization carriers in biofuel production” August 22-23, 2019 at DIT University, Dehradun.
- Participated in Refresher course in “Multidisciplinary approaches to address environmental issues: emerging trends in physical,biological and social sciences” from 12-09-2019 to 25-09-2019 under PMMMNTT scheme of MHRD Govt. of India with “A+” grade from FDC, Srinagar, UK.

- Participated in online Refresher course in “Chemistry” in 2019 and got “A” grade from Swayam.
- Attend one day National seminar on “ Challenges and opportunities in research and development in pharmaceutical and biological science”and present a paper entitled “Therapeutic value of drugs for biological target “on November 7, 2019 at IDPL Rishikesh.
- Attend one day National Seminar on “Green development for environmental concerns and sustainable progress” and present a paper entitled “Initiative to achieve environmental protection by inculcating moral values and sustainable practices” on December 1, 2019 at AS (PG) college, Mawana.
- Attend two day National Seminar on “Population and food security” and present a paper entitled “Dynamics of population growth versus food grains availability” on February 8-9, 2020 at Meerut college, Meerut.
- Attend one day National Conference on “Replacement of petrochemicals by biobased chemicals for safe environment” and present a paper entitled “Nanotechnology: An innovative solution for waste water purification” on February 18, 2020 at CCR (PG) college, Muzaffarnagar.

### **WORKSHOP**

- Organised training workshop on “Recent techniques in Biosciences” at department of biosciences, DAV(PG) college Muzaffarnagar held from 27 to December 10, 2007.

### **ADMINISTRATION EXPERIENCE AT COLLEGE/UNIVERSITY LEVEL**

- Life membership of Indian society of analytical scientists.
- Rover Leader from 03-12- 2011 to till date
- Co-Editor of College, Annual Magazine “Pragati” (2009).
- Member in college sports committee
- Member of college SC/ST cell
- Paper setter and evaluator in university
- As a jury member in Innovative Science Pursuits for Inspired Research From 2012.

- Participated in District Scout and Guide Rally from 18-10-2012 to 20-10-2012 in S.D. Inter College , Muzaffarnagar.
- Participated in District Scout and Guide Rally from 11-11-2013 to 13-11-2013 in S.D. College of Commerce, Muzaffarnagar.
- Participated in Intercollegeate Rovers/Rangers Meet from 29-31 January 2014 in Saheed Mangal Panday Woman Government (PG) college, Meerut.
- Participated in Intercollegeate Rovers/Rangers Meet from 15-16 February 2019 in DJ College, Baraut (Baghpat).
- Participated in Intercollegeate Rovers/Rangers Meet from 10-12 February 2020 in MM College, Modinagar.

**MEDALS/AWARDS**

Got III<sup>rd</sup> position in Intercollegeate Rovers/Rangers Meet from 15-16 February 2019 in DJ College, Baraut (Baghpat) and many medals in different Rovers/Rangers activities.

**Date:-----**

**Place:-----**

**(Signature of Faculty)**