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(Off.)

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**Academic Societies/Associations affiliated**Life Member of Indian Science Congress Association (**ISCA**)

Life Member of Thermodynamic Society of India.

**Active in Research fields:**Thin filmsThermodynamics Corrosion studies**9. Educational qualifications**

Degree	Year of passing	University/ Institute
Ph.D	2007	M. D. University, Rohtak, Haryana
M.Sc.	2000	M. D. University, Rohtak, Haryana
B.Sc	1996	M. D. University, Rohtak, Haryana

**B) Career profile**

Designation	Institute served	Duration	
		From	To
Lecturer (Assistant Professor)	NC college of Engineering & Technology, Israna, Panipat	Sept., 2004	Jan, 2007
	Haryana Institute of Engineering & Technology, Asodha, Jhajjar	July, 2007	May, 2008
	MERI, Engineering College, Sampla, Rohtak	July, 2008	Nov., 2008

	Vaish College, Bhiwani	Nov., 2008	April, 2010
	Department of Chemistry, M.D. University, Rohtak	May, 2010	Till now

**C) Project undertaken**

Title of the project	Duration	Funding agency	Status
Anodic oxide films on metals and alloys	2011-2014	UGC, New Delhi	Completed

**1 PUBLICATIONS**

**Research papers: 11**

**Participation in conferences/seminars: 10**

**Awards and distinctions**

University Research fellowship, (2001-2004) of M. D. University, Rohtak.

**Assignment outside the M.D. University, Rohtak. India**

Orientation Course at Guru Jambheshwar University Science & Technology, Hisar (2009)

**Refresher course:**

Conducted by UGC- Academic staff College, HP University, Shimla.

Conducted by UGC- Academic staff College university of Rajasthan, Jaipur from 18 July to 6 August 2016

**RESEARCH PAPER:**

1. Characterization and photoluminescence properties of some CaO, SrO and CaSrO<sub>2</sub> phosphors co-doped with Eu<sup>3+</sup> and alkali metal ions, B. Marí K.C. Singh, Monica Moya, Ishwar Singh, **Hari Om**, Subhash Chand, Optical Materials, **2012**, 34, 1267–127
2. High field ionic conduction in anodic oxide films on tantalum in aqueous electrolytes, **Hari om**, Naveen Verma, Krishan Chander Singh, European Journal of Applied Engineering and Scientific Research, 2, **2013**, 25-35

3. Preparation and luminescence properties of  $MZrO_3:Eu^{3+}$ , A ( $M=Ca^{2+}$ ,  $Ba^{2+}$ ;  $A=Li^+$ ,  $Na^+$ ,  $K^+$ ) phosphors with perovskite structure, Marí, B., Cembrero-Coca, P., Singh, K.C., Kaushik, R.D., **Om, H**, ActaPhysico – Chimica Sinica, 29, **2013**, 1357-1362
4. Ultrasonic studies of molecular interactions in binary mixtures of formamide with some isomers of butanol at 298.15K and 308.15K, Manju Rani, Suman Gahlyan, **Hari Om**, Naveen Verma, Sanjeev Makin, Journal of Molecular Liquids, 194, **2014**, 100-109
5. Fabrication of Porous Anodic Alumina by Two Step Anodic Oxidation and Photo Luminescent Properties of doped and undoped Alumina, Naveen Verma, Krishan Chander Singh, Bernabe Mari, **Hari Om**, Jitender Jindal, Chem Sci Rev Lett, 3, **2014**, 597-602
6. Hexamine as Corrosion Inhibitor for Mild Steel in Acidic Medium, Harish Kumar, **Hariom**, Pradeep Kumar, Vikas and Anjoo, Elixir Corrosion & Dye ,97 (**2016**), 42060-42065.
7. Corrosion inhibition of mild steel by using Hexylamine as corrosion inhibitor in acidic medium, **Hariom**, Harish Kumar, Pradeep Kumar, Vikas and Anjoo Bala, Der Pharma Chemica, 8, **2016**, 268-278
8. Corrosion Inhibition of carbon steel by an Isatin Schiff base in acidic medium, **Hariom**, Anjoo Bala, Harish Kumar, Vikas and Pradeep Kumar, Der Pharma Chemica, 8, **2016**, 149,156
9. Inhibition of Mild Steel Corrosion in 1.0M HCl Solution by Octadecylamine as Corrosion Inhibitor, Pradeep Kumar, Harish Kumar, Vikas, **Hariom**, Der Pharma Chemica, 9, **2017**, 100-108.

10. Corrosion Inhibition for Mild Steel in Acidic Medium by Using Hexadecylamine as Corrosion Inhibitor, Pradeep Kumar, Vikas Kalia, Harish Kumar, **Hariom Dahiya**, Chemical Science Transactions, 6, 2017, 2278-3458.
11. Isatin Schiff Base as an Eco friendly Corrosion Inhibitor for Carbon Steel in 1M HCl, Anjoo Bala, Pradeep Kumar, Vikas, **Hariom**, Der Pharma Chemica, 9, 2017, 92-99

### CONFERENCE ATTENDED

1. 'National Symposium on Nano-structured Materials' in Dec. 2002, New Delhi, INDIA.
2. "Patent Awareness Workshop' in Jan 2003 held at Rohtak, Haryana, INDIA.
3. '98<sup>th</sup> Indian Science Congress' conference Jan 2011, SRM University, Chennai, TN, INDIA.
4. Workshop on the 'Material Science' organized by the department of the Physics, (April, 2011) M.D. University, Rohtak.
5. Porous anodic alumina film formation in oxalic & phosphoric acid solutions and photoluminescence properties, National conference on Advances in Chemical sciences, Maharshi Dayanand university, Rohtak, 1-2 march, 2013.
6. Ta<sub>2</sub>O<sub>5</sub> Film Formation and its anticorrosive behavior in acidic medium, National conference on Emerging Trends in Engineering & Sciences, Gurukul Kangri, Haridwar, Uttarakhand, 9-10 Nov. 2013.
7. Study of few Surfactant as corrosion inhibitor for carbon steel in acidic Medium, 101<sup>st</sup> Indian sciences Congress Association, University of Jammu, Jammu, 3-7 Feb. 2014.
8. DSSS, CTMAC & ADDS as corrosion inhibitors for carbon steel in acidic medium, 102<sup>nd</sup> Indian Sciences Congress Association, Mysore, 3-7 Jan. 2015.
9. Long chain amines as corrosion inhibitor for carbon steel in acidic medium, 103<sup>rd</sup> Indian Sciences Congress Association, Mysore, 3-7 Jan. 2016.
10. Inhibition effect of Octadecylamine on mild steel in acidic medium, The Indian Science Congress Association, Haridwar Chapter, 20-22 Nov. 2016.