Dr. Indu Mehrotra
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Professor

Date of Birth
10th November 1946
Qualification
M.Sc. Ph.D
Areas of Interest
Water chemistry, Treatment chemistry, Wastewater treatment, Highrate anaerobic process, UASB treatment process
Research Areas

Water Chemistry, Treatment Chemistry, Industrial Waste Treatment, High Rate Anaerobic Process, Heavy Metal Removal and Metal Speciation.

Awards

- Rotary Foundation Award (1973-74)
  Department of Chemistry, University of Illinois, Chicago.
- U.S.A. British Technical Training Cooperation Award (1983-84) Department of Environment Science, University of Lancaster, U.K. Department of Civil Engineering, University of Birmingham, Birmingham, U.K.
  Department of Civil Engineering, Imperial College, London.
- U.K. Visiting Scholar (July 1994-December 1994). Regional Environmental System Engineering, University of Ragina Ragina,Canada.

Ph.D. Thesis Supervised*: *8

M.E. Thesis Supervised*: *42

***No. of Reviewed papers*: 40**

***No. of Conference papers*: 23**

Papers Published

S.No.	Title	Co-Authors	Journal
1.	Treatment of Slaughter House Wastewater by DAF-UASB	N. T. ManjunathR. P. Mathur	Water Research Vol 34(6)
2.	Analysis of GSS of UASB Reactor	S. K. Narnoll	J Env Engg ASCE1998

3.	Temperature Response of Biological Phosphorous Removing Activated Sludge	Pradeep Kumar T. Viraraghavan	J Env Engg	Vol 124 (2) ASCE
4.	Metal Speciation Studies in Bed Sediments of a Riverine System	K. S. Lokesh R. P. Mathur	Intern j. Env Monitoring and Assessment	
5.	Blanket of UASB Reactor : Mathematical Simulation	S. K. Narnoll	Water Research	Vol 31(4)1997
6.	Biological Phosphorous Removal at Low Temperature : State of the Art	Pradeep Kumar T. Viraraghavan	J Cold Region Engg. ASCE	Vol 10(2)1996
7.	Role of Cu(II) and Zn(II) Species on the Anaerobic Digestion of Synthetic Activated Sludge	A. Mehrotra S. N. Tondon	J Chem. Tech. and Biotech.	Vol (56)1993
8.	Effect of Metal Ion Concentration on its Distribution in Sewage Sludge	A. Mehrotra S. N. Tondon	Env. Tech	Vol 12 1991
9.	Performance of Laboratory-Scale Upflow Anaerobic Sludge Blanket (UASB) Reactors	Nasim Ahmed	Water Sci Tech.	Vol 22(7) 1990
10.	Simultaneous Extraction Scheme : A Method to Characterize in Sewage Sludge	Seema Gupta Om Vir Singh	Env. Tech.	Vol 11 1990
11.	Speciation of Zinc and Copper in Sludge	A. Mehrotra S. N. Tondon	Env. Tech Letter	Vol- 10 1989
12.	Methane Recovery from Cane Sugar Mill Effluents in an Upflow Anaerobic Sludge Blanket (USAB) Reactor	A. L. Manjunath R. P. Mathur	IAWPC Tech Annual	Vol- 15 1988
13.	Characterisation of Metals Forms in Sewage Sludge by chemical Interaction and Progressive	T. Rudd D. L. Lake R. M. Sterritt P. W. W. Kirk	The Sci. of Total Env.	Vol- 74 1988

	Acidification	J. A. Campbell J. N. Lester	
14.	Removal of Heavy Metals in Anaerobic Upflow Sludge Blanket Reactors	KRK Alabhai	J Chem Tech Biotech Vol- 37 1987
15.	Removal of Candium from Water by Water Hyacinth	Om Prakash Pradeep Kumar	J Env Engg ASCE Vol- 113(2) 1987
16.	Removal of Cadmium from Industrial Effluents by Adsorption of Saw Dust	HCP Srivastava R. P. Mathur	Env. Tech. Letter Vol- 7(1) 1986