Dr. Anil Ohlan
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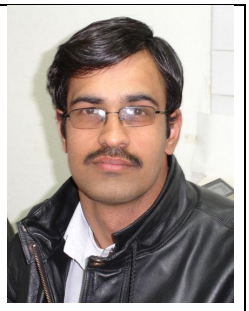

A) Educational Qualification

Degree	Year of Passing	University/Institute
Ph.D.	2011	University of Delhi, Delhi
PG	2002	M. D. University, Rohtak
UG	2000	M. D. University, Rohtak
Others		

B) Career Profile:

Designation	Institute served	Duration	
		From	**To**
Assistant Professor	M. D. University, Rohtak	21/9/2010	- till date

C) Publications

Books

i) Designing of Nano Composites of Conducting Polymers for EMI Shielding, S.K. Dhawan, Anil Ohlan, Kuldeep Singh in "Advances in Nanocomposites - Synthesis, Characterization and Industrial Applications" Boreddy Reddy (Ed.), ISBN: 978-953-307-165-7, InTech (2011)

Research Papers

Published in Refereed/Peer Reviewed Journals : 9

Other Publications

Patent

i) Conducting Copolymer Ferromagnetic Composite and a Process for the Preparation thereof
S. K. Dhawan, Kuldeep Singh, Nikhil Sobti, Anil Ohlan, Parveen Saini, Beena Gupta, R. P. Pant, R. K. Kotnala, Hari Kishan, and P. C. Kothari
US Patent: US 2009/ 0302263 A1, Publication Date: Dec 10, 2009
Indian Patent: 1362DEL 2008, Publication Date: Dec 18, 2009
Journal No.: 51/2009

Participation in conferences/seminars: 14

Award and Distinctions

CSIR – JRF (2004), SLET (2004) Haryana, GATE (2004): percentile 94.1;
Received best Poster award in International Conference on Advanced magnetic materials and their Application in 21st centuary, 21-23 Oct, 2008 (NPL New Delhi)

Published in Refereed/Peer Reviewed Journals

(1) Microwave absorption behavior of core-shell structured poly (3,4–ethylenedioxy thiophene)-barium ferrite nanocomposites
Anil Ohlan, Kuldeep Singh, Amita Chandra, S. K. Dhawan. *ACS Applied Materials and Interfaces* 2 (2010) 927-933.

(2) Conjugated polymer nanocomposites: Synthesis, dielectric and microwave absorption studies
Anil Ohlan, Kuldeep Singh, Amita Chandra, V. N. Singh, S. K. Dhawan. *Journal of Applied Physics* 106 (2009) 044305.

Also selected for the publication in *Virtual Journal of Nanoscale Science & Technology* 20 (2009)10

(3) Microwave absorption properties of conducting polymer composite with barium ferrite nanoparticles in 12.4-18 GHz
Anil Ohlan, Kuldeep Singh, Amita Chandra, S. K. Dhawan. *Applied Physics Letter* 93 (2008) 053114.

(4) Synthesis of conducting ferromagnetic nanocomposite with improved microwave absorption properties
Kuldeep Singh, Anil Ohlan, A. K. Bakhshi, S. K. Dhawan. *Material Chemistry & Physics* 119 (2010) 201-207.

(5) Shielding and dielectric properties of sulfonic acid doped π-conjugated polymer in 8.2-12.4 GHz frequency range
Anil Ohlan, Kuldeep Singh, S. K. Dhawan. *Journal of Applied Polymer Science* 115 (2010) 498-503.

(6) Conducting polymer embedded with nanoferrite and Titanium dioxide nanoparticles for microwave absorption
S. K. Dhawan, Kuldeep Singh, A. K. Bakhshi, Anil Ohlan. *Synthetic Metals* 159 (2009) 2259-2262.

(7) Dielectric and magnetic properties of conducting ferromagnetic composite of polyaniline with γ-Fe_2O_3 nanoparticles
Kuldeep Singh, Anil Ohlan, R. K. Kotnala, A. K. Bakhshi, S. K. Dhawan. *Material Chemistry & Physics* 112 (2008) 651-658.

(8) Poly (3,4-ethylene dioxythiophene) γ- Fe_2O_3 polymer composite: Superparamagnetic behavior and variable range hopping 1–D conduction mechanism – synthesis & characterization
Kuldeep Singh, Anil Ohlan, Parveen Saini, S. K. Dhawan. *Polymer for Advanced Technology* 19 (2008) 229–236.

(9) Conducting ferromagnetic copolymer-complex of aniline and 3,4-ethylene dioxy thiophene containing nano-crystalline barium ferrite particles
Anil Ohlan, Kuldeep Singh, Amita Chandra, S. K. Dhawan. *Journal of Applied Polymer Science* 108 (2008) 2218–2225.

Participation in conferences/seminars

(1) Microwave absorption properties of poly (o-ethoxy) aniline-($NiCoFe_2O_4$)-graphite nanocomposites in 12.4–18 GHz. .Anil Ohlan, Kuldeep Singh, Namita Gandhi, N. Singh, Amita Chandra, S. K. Dhawan , 4th International conference on Electroactive Polymers, 21-26 Nov, 2010Surajkund (Faridabad)

(2) EMI Shielding Properties of Conducting Ferromagnetic Composite of Polyaniline with Barium Ferrite and TiO_2. *Anil Ohlan, Kuldeep Singh, R.K.Kotnala, V. N. Singh, Amita Chandra and S.K. Dhawan.* International Conference on Advanced magnetic materials and their Application in 21st centuary, 21-23 Oct, 2008 (NPL New Delhi) (Received Best Poster Award)

(3) Conducting ferromagnetic composite of polyphenylamine with intercalated graphite/γ-Fe_2O_3: Synthesis Characterization and its application in EMI shielding. Kuldeep Singh, *Anil Ohlan, R.K.Kotnala, R.K.Pant A.K.Bakhshi and S.K. Dhawan*. International Conference on Advanced magnetic materials and their Application in 21st centuary, 21-23 Oct, 2008 (NPL New Delhi)

(4) Microwave Absorption study of ferromagnetic Conducting Polyaniline- iron oxide (PANI-Fe_2O_3) PVA film in the frequency of 12.4 to 18GHz. Kuldeep Singh, Anil Ohlan and S.K. Dhawan (POLY-2008 New Delhi)

(5) Shielding and Dielectric Properties of Ferromagnetic Conducting Polyaniline/PVA Film in 12.4-18 GHz. S.K. Dhawan, Kuldeep Singh, Anil Ohlan, A.K Bakhshi (URSI General Assembly - 2008)

(6) A conducting ferromagnetic polymer composite of PEDOT-Fe_2O_3 for its application in microwave absorber in the 8-12 GHz range. Kuldeep Singh, Anil Ohlan, Parveen Saini, Amita Chandra and S.K.Dhawan (ICEP-2007, Goa)

(7) Micellar polymerization of polyaniline formed using different level of surfactant-dopant (DBSA) - spectroscopic and conductivity studies. Anil Ohlan, Kuldeep Singh, Amita Chandra, S.K.Dhawan (ICEP-2007, Goa)

(8) Nano Ferromagnetic Conducting Polypyrrole - Synthesis & Characterization Swati Varshney, Kuldeep Singh, Anil Ohlan, S.K. Dhawan (ICEP-2007, Goa)

(9) Synthesis of polyaniline-Ag core shell nanocomposites via emulsion polymerization using surfactants. Parveen Saini, Kuldeep Singh, Anil Ohlan and S. K. Dhawan (ICEP-2007, Goa)

(10) Incorporation of nanosize Fe_3O_4 particles in the polyaniline matrix-using aerosol OT. Kuldeep Singh, Parveen Saini, Anil Ohlan, Suman Anand, K.N.Sood and S. K. Dhawan. (NANO-2006, Bangalore)

(11) Nano Crystalline Barium Ferrite-PEDOT Composite: Synthesis and Characterization. Anil Ohlan, Kuldeep Singh, Parveen Saini, Suman Anand, R.K.Kotnala, K.N.Sood and S.K.Dhawan. (NANO-2006, Bangalore)

(12) Polyaniline-PEDOT conducting copolymer containing magnetic nanoparticles Parveen Saini, Kuldeep Singh, Anil Ohlan, and S. K. Dhawan. (NANO-2006, Bangalore)

(13) Conducting Polymer Composites In corporating Barium Ferrite Nano Particles. Anil Ohlan, Kuldeep Singh, P. Saini and S.K. Dhawan, R.K. Kotnala and P.C. Kothari (International Conference on Nano Science & Technology – 2006, New Delhi)

(14) Nanostructured Conducting Polymer Ferromagnetic composites: Synthesis and Characterization. Kuldeep Singh, Anil Ohlan, P. Saini and S.K. Dhawan, R.K. Kotnala and P.C. Kothari (International Conference on Nano Science & Technology – 2006, New Delhi)

(15) Conducting Polymers: Preparation, Properties, Practices, and Prospects. Parveen Saini, Kuldeep Singh, Anil Ohlan and S.K.Dhawan (National Seminar on Recent Advances in Electric and Electronic Polymers, Nov 14, 2005, BHU Varanasi)