

CURRICULUM VITAE

Name : Prof. Amar Nath Thakur
Designation : Professor
College : M.G.P.G. College, GORAKHPUR
Department : Physics
Qualification : M.Sc. Ph.D
Date of Birth : 15-06-1963
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Ph.D Awarded : 06



1. Dr. Om Prakash Singh
2. Dr. S.C.Kumar
3. Dr. S.K.Yadav
4. Dr. Mrs. Priyanka Rani
5. Mrs. Pooja Raghuvansi
6. Mr. Devendra Prasad

Project Completed : 02 (Minor Research Project of UGC)

Research Paper Published : 27

1. Phase transition studies of superionic solids from magnetic susceptibility and thermoelectric Power measurements H.B.Lal, K.Gaur and A.N.Thakur. **J.Mat.Sci. (UK)**, **11** (1991), 1113-1115
2. Magnetic and dielectric study of $GdFe_2O_4$. A.N.Thakur, K.Gaur and H.B.Lal, **J.Mat.Sci. (UK)**, **11** (1992), 496-497.
3. Electrical conductivity, dielectric constant and magnetic susceptibility of some potassium-ion Conducting salts. M.Singh, A.N.Thakur, K.Gaur and H.B.Lal, **J.Mat. Sci. (UK)**, **11** (1992), 167-169.
4. High temperature electrical transport in gadolinium-iron-transition metal mixed oxides. A.N.Thakur, K.Gaur, and H.B.Lal, **Indian J. Phys. 70A (2)**, (1996), 225-236.
5. Magnetic study of gadolinium-iron-transition metal mixed oxides. A.N.Thakur, K.Gaur ,

- M.A.Khan and H.B.Lal, **Indian J. Phys.** **71A (1)**, (1997), 83-87.
6. Study of electrical transport in yttrium-iron-transition metal mixed oxides. A.N.Thakur, K.Gaur, M.A.Khan and H.B.Lal, **Indian J. Phys.** **71A (2)**, (1997), 209-218.
 7. Magnetic behavior of yttrium- iron- transition metal mixed oxides. H.B.Lal, A.N.Thakur, K.Gaur, M.A.Khan and V.P.Srivastava, **Indian J. Phys.** **71 (4)**, (1997), 461-470.
 8. High temperature electrical conductivity, seebeck coefficient and dielectric constant of ZnMoO₄. A.N.Thakur, U.P.Singh, S.C.Kumar and S.V.Singh. **Ultra Sci.** **18(3)**, (2006), 355-360.
 9. Magnetic study of cerium-iron-transition metal mixed compounds. A.N.Thakur, S.V.Singh, U.P.Singh.S.K.Yadav,K.C.Mourya,S.C.Kumar and O.P.Singh. **Asian J. Chem.****18(1)**, (2006), 243-247.
 10. Electrical transport in terbium-iron-transition metal mixed oxides. U.P.Singh, A.N.Thakur, S.V.Singh and S.C.Kumar. **Asian J. Chem.** **19 (5)**, (2007), 3567-3576.
 11. Cylindrical shock waves in radiation gasdynamics. S.N. Singh, A. N. Thakur and K. Singh. **Ultra Sci.** **19 (1)**, (2007), 69-72
 12. Electrical conductivity and thermoelectric power of cerium-iron-transition metal mixed Oxides. U.P.Singh, A.N.Thakur, S.V.Singh and S.C.Kumar. **Ultra Sci.** **19 (1)**, (2007), 129-138.
 13. Dielectric properties of PbSrWO₄ and PbBaWO₄. S.V.Singh, A.N.Thakur, O.P.Singh, S.C.Kumar and Aqil Ahmad. **Indian J. Phys.** **83(3)**, (2009), 375-381.
 14. Structural and dielectric properties of some tungstate compounds. A.N.Thakur, K.C.Mourya and S.K.Yadav. **Ultra Sci.** **22 (3)** ,(2010), 555-566.
 15. Electrical Transport Properties of Ce₂(WO₄)₃, Dy₂(WO₄)₃ and Ho₂(WO₄)₃. K.C. Mourya, A.N. Thakur and S.K. Yadav. **Asian J. Chem.** **23 (7)**, (2011), 3089-3092
 16. Magnetic Properties of Ln₂Zr₂O₇ (Ln=Ho and Er) Compound. P. Rani, A.N. Thakur, P. Raghuvansi and A. Kumar. **Asian J. Chem.** **23 (7)**, (2011), 3130-3132
 17. Structural and dielectric properties of CaZrO₃ and SrZrO₃ Zirconate. S.K.Yadav, A.N.Thakur A.Kumar, S.N.Singh and P. Rani. **Asian J. Chem.** **23 (7)**, (2011), 3133-3136.
 18. Investigation of structural and electrical properties of heavy rare-earth zirconate compounds. P. Rani, A.N. Thakur and P. Raghuvansi. **Ultra Sci.** **23 (2)B**, (2011), 267-274
 19. Synthesis, characterization and dielectric properties of Re₂Zr₂O₇ (Re = Y and Gd). P. Rani,

- A.N.Thakur and P. Raghuvansi. **Ultra Sci.** **23 (2)B**, (2011), 285-292.
20. Dielectric and electrical transport properties of terbium orthochromites. A.N.Thakur, S.N.Singh, Ajay Kumar and Aqil Ahmad. **Ultra Sci. Vol. 23 (3)B**, (2011), 717-723.
 21. Characterization, electrical and magnetic properties of light rare-earth zirconate. P. Raghuvansi and A.N.Thakur. **Ultra Sci.** **24 (1)B**, (2012), 173-182.
 22. T L Glow Curve Analysis Technique for Evaluation of Decay Parameters and order of Kinetics. D. Prasad, A.N. Thakur and J. Prakash. **Ultra Sci.** **24 (3)B**, (2012), 489-496
 23. The Analysis of Thermocurrent Spectrum. D. Prasad, A, N. Thakur and J. Prakash. **I.S.R.J** **2 (9)**, (2012), 1-11
 24. Synthesis, electrical, dielectric and magnetic properties of $Ce_2Zr_2O_7$ compound. P. Raghuvansi, A.N.Thakur, P. Rani and Ajay Kumar. **Asian J. Chem.** **25 (1)**, (2013), 101-104.
 25. Characterization, Electrical and magnetic properties of $Nd_2Zr_2O_7$ compound. P.Raghuvansi, A.N. Thakur and P. **Asian J. Chem.** **25 (8)**, (2013), 4237-4241
 26. Comparative study of mechanisms and analysis techniques involved in Thermally stimulated Depolarization and thermoluminescence Processes. D. Prasad, A.N. Thakur and J. Prakash. **Ultra Sci.** **25 (2)A**, (2013), 297-306
 27. Study of Structural and Electrical Properties of Samarium Titanate. V.P. Srivastava, A.N. Thakur, R. Singh and S.K. Sharma. **IJARESM.** **9 (6)**, (2021), 1410-1412.

Seminar/ Workshop attended : 10

Detail of seminar / workshop attended & paper presented in them:

1. Third national seminar on defects in insulating solids (Organized by dept. of physics, Bhagalpur Univ. Bhagalpur- 812007, March 26-28, 1990)
2. Purvanchal academy of sciences. (Organized by T. D. College, Jaunpur, - 222002, Feb. 19-20, 2005).
3. Appreciating Physics in Everyday life – A Nationwide Campaign to Popularise Physics. (Organized by T. D. College, Jaunpur-222002, Sept. 11-13, 2006).
4. Seminar cum workshop on “Concepts in Physics” (Organized by Dept. of physics, D.D.U. Univ., Gorakhpur, Nov. 24-25, 2006).
5. Purvanchal academy of sciences. (Organized by T. D. College, Jaunpur, - 222002, Feb. 19-20, 2009).

6. National workshop on advancement of nano materials and its applications (Organized by Dept. of Physics, D.A.V. College, Kanpur, Feb. 09-11, 2012).
7. National Seminar on Role of Youth in Rural Development (in special reff. To Gramodyog & Khadi Industries in Rural Areas), (Organized by T. D. College Jaunpur, -222002, Nov. 29, 2013).
8. Interacting Workshop on Drinking Water quality and challenges in Rural and Urban area of Gorakhpur Zone, Sponsored by Ministry of Earth Sciences, Government of India New Delhi, (Organized by M.G.P.G. College Gorakhpur & Vasudha Nidhi Sansthan Gorakhpur, Sep. 25th & 26th, 2014).
9. Intellectual Property Rights & Its Protection (Organized by M.G.P.G. College Gorakhpur, Oct. 28th 2017).
10. “CBCS: Structure and Implementation”.(Organized by IQAC, M.G.P.G. College Gorakhpur, Dec. 10th 2021)

Details of Extra-curricular/Administrative Activities:

1. Assistant center superintendent - T. D. College, Jaunpur (2005-2007).
2. Assistant center superintendent-U.P. Combined B.Ed. entrance examination
3. Assistant center superintendent- U.P. Combined Polytechnic entrance examination

(Prof. A. N. Thakur)