

DR. H.K. VERMA

Selective List of Technical Reports Prepared (Total no. 176)

1. H.K. Verma and Vinod Kumar, “12 kV Bipolar 1.2/50 μ s Impulse Voltage Tester with Built-in Impulse Counter and Breakdown Detector”, H.S. Chawla & Company, New Delhi, Feb. 2001. **(22)**
2. H.K. Verma, S.C. Saxena and Vinod Kumar, “6 kV Bipolar 1.2/50 μ s Impulse Voltage Tester”, National Test House, Ghaziabad, Aug. 2001. **(23)**
3. H.K. Verma, S.C. Saxena and Vinod Kumar, “5 kV Bipolar 1.2/50 μ s Impulse Voltage Tester”, National Test House, Ghaziabad, Aug. 2001. **(24)**
4. H.K. Verma and Vinod Kumar, “10 kV Bipolar 1.2/50 μ s Impulse Voltage Tester with Built-in Impulse Counter and Breakdown Detector”, Genus Overseas Electronics Ltd., Jaipur, Feb. 2002. **(25)**
5. H.K. Verma and Vinod Kumar, “Computerized Vibration Test System for Static and E.M. Watthour Meters (as per IS 13010–1990 and IS 13779–1993)”, National Test House, Ghaziabad, March 2002. **(26)**
6. H.K. Verma and R.P. Maheshwari, “Design and Development of Digital Overfluxing Relay”, AVK–SEG & Controls (India) Ltd., Noida, May 2002. **(27)**
7. H.K. Verma and R.P. Maheshwari, “MODBUS–Based Communication Software for Digital Overfluxing Relay”, AVK–SEG & Controls (India) Ltd., Noida, May 2002. **(28)**
8. H.K. Verma and Vinod Kumar, “Short–time Overcurrent, Voltage Interruption and Voltage Dip Tester for Static Watthour Meters”, National Test House, Ghaziabad, Sept. 2002. **(29)**
9. H.K. Verma, R.P. Maheshwari and Vinod Kumar, “Residual–Life Assessment of Electrical Equipment of Mohammedpur Power House, Uttaranchal Hydro–Power Corporation, Dehradun, (through AHEC) Feb. 2003. **(30)**
10. H.K. Verma, R.P. Maheshwari and Vinod Kumar, “Renovation, Modernization and Upgrading Study of Nirgajni Hydroelectric Power Station in U.P.”, UP Jal Vidyut Nigam Ltd., Lucknow (through AHEC), Sept. 2003. **(31)**
11. H.K. Verma, R.P. Maheshwari and Vinod Kumar, “Renovation & Modernization Studies of Galogi Power Plant”, Uttaranchal Jal Vidyut Nigam Ltd., Jan. 2004. **(32)**
12. H.K. Verma and R.P. Maheshwari, “Performance Evaluation of Solang and Kothi Hydroelectric Power Plants in Himachal Pradesh”, Ministry of Non–Conventional Energy Sources, GoI, New Delhi, Nov. 2004. **(33)**
13. H.K. Verma and Arun Kumar, “Performance Testing of Madhavaram SHP Station (2x 2 MW) Nandyal, A.P.”, Ministry of Non–Conventional Energy Sources, GoI, New Delhi, Dec. 2004. **(34)**
14. H.K. Verma and R.P. Maheshwari, “RMU Studies of Chitaura, Salawa and Bhola Power Plants”, U.P. Jal Vidyut Nigam Ltd. (through AHEC), March 2005. **(35)**
15. H.K. Verma and Arun Kumar, “Performance Testing of Babbanpur SHP Station (2 x 500 kW), Babbanpur, Distt. Sangrur, Punjab”, Ministry of Non–Conventional Energy Sources, GoI, New Delhi, Aug. 2005. **(36)**
16. H.K. Verma, H. Sinval & V.K. Nangia, “Assessment of Citizen Needs”, UNDP New Delhi and IT Department, Government of Uttaranchal, Aug. 2005. **(37)**
17. H.K. Verma, H. Sinval & V.K. Nangia, “BPR Studies: A Pioneering Effort in Uttaranchal”, UNDP New Delhi and IT Deptt., Government of Uttaranchal, Aug. 2005. **(38)**
18. H.K. Verma, H. Sinval & V.K. Nangia, “Soochna Kutirs: The Information Kiosks in Public–Private Partnership”, UNDP New Delhi and IT Department, Government of Uttaranchal, Aug. 2005. **(39)**

19. H.K. Verma, Vinod Kumar & J.D. Sharma, "Uttara Portal: A Comprehensive Portal of Uttaranchal", UNDP New Delhi and IT Department, Government of Uttaranchal, Aug. 2005. **(40)**
20. H.K. Verma and Arun Kumar, "Performance Testing of Aleo SHP Station (2x1500 kW), Aleo, Manali, Distt. Kullu, H.P.", Ministry of Non-Conventional Energy Sources, GoI, New Delhi, Dec. 2005. **(41)**
21. H.K. Verma and Arun Kumar, "Performance Testing of Manal SHP Station (2x1500 kW), Manal, Distt. Sirmour, H.P.", Ministry of Non-Conventional Energy Sources, GoI, New Delhi, Jan. 2006. **(42)**
22. H.K. Verma, Arun Kumar, R.P. Maheshwari and B.K. Gandhi, "Performance Testing of Chunchi Doddi SHP Station (3x3.5 MW), Chunchi Doddi, Distt. Bangalore Rural, Karnataka", Ministry of Non-Conventional Energy Sources, GoI, New Delhi, March 2006. **(45)**
23. H.K. Verma, H. Sinval, Vinod Kumar, J.D. Sharma and V.K. Nangia, "Final Report: Pro-Poor IT Initiatives in Uttaranchal", UNDP, New Delhi and IT Department, Government of Uttaranchal, March 2006. **(46)**
24. H.K. Verma, Arun Kumar, R.P. Maheshwari and B.K. Gandhi, "Performance Testing of Sugur SHP Station (3x1.5 MW), Sugur, Distt. Bellary, Karnataka", Ministry of Non-Conventional Energy Sources, GoI, New Delhi, April 2006. **(47)**
25. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Someshwara SHP Station (3x8.25 MW), Someshwara, Distt. Mandya, Karnataka", Ministry of New and Renewable Energy, May 2006. **(49)**
26. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Sahyadri SHP Station (1x300 kW), Sahyadri, Distt. Shimoga, Karnataka", Ministry of New and Renewable Energy, July 2006. **(50)**
27. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Salag SHP Station (1x150 kW), Salag, Distt. Kangra, Himachal Pradesh", Ministry of New and Renewable Energy, September 2006. **(51)**
28. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Kosi SHP Station (4x4.8 MW), Distt. Kataliya, Bihar", Ministry of New and Renewable Energy, December 2006. **(53)**
29. H.K. Verma, R.P. Maheshwari and B.K. Gandhi, "Performance Testing of Killa SHP Station (2x875 kW), Distt. Sangrur, Punjab", Ministry of New and Renewable Energy, February 2007. **(54)**
30. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Sahoke SHP Station (1x1000 kW), Sahoke, Distt. Sangrur, Punjab", Ministry of New and Renewable Energy, April 2007. **(57)**
31. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Rani Avanti Bai Lodhi Sagar SHP Station (2x5 MW), Bargi, Distt. Jabalpur, Madhya Pradesh", Ministry of New and Renewable Energy, May 2007. **(58)**
32. H.K. Verma, Arun Kumar, Vinod Kumar and B.K. Gandhi, "Performance Testing of Khauli SHP Station (2x6 MW), Khauli, Distt. Kangra, Himachal Pradesh", Ministry of New and Renewable Energy, September 2007. **(59)**
33. H.K. Verma, Arun Kumar, Vinod Kumar and B.K. Gandhi, "Performance Testing of Bassi Hydro-Electric Project (4x15 MW), Bassi, Distt. Mandi, Himachal Pradesh", Ministry of New and Renewable Energy, November 2007. **(61)**
34. H.K. Verma, Arun Kumar, Vinod Kumar and B.K. Gandhi, "Performance Testing of Kadamane SHP Station (2x5 MW), Kadamane, Distt. Hassan, Karnataka", Ministry of New and Renewable Energy, November 2007. **(63)**

35. H.K. Verma, Arun Kumar, Vinod Kumar and B.K. Gandhi, "Performance Testing of Lower Meenmutty SHP Station (2x1.5MW + 1x0.5 MW), Lower Meenmutty, Distt. Thiruvanthapuram, Kerala", Ministry of New and Renewable Energy, January 2008. **(65)**
36. H.K. Verma, Arun Kumar, Vinod Kumar, R.P. Maheshwari and B.K. Gandhi, "Performance Testing of Chayadevi (2x12 MW), Chayadevi, Distt. Gulbarga, Karnataka", Ministry of New and Renewable Energy, January 2008. **(66)**
37. H.K. Verma, Arun Kumar, R.P. Maheshwari and R.P. Saini, "Performance Testing of Tuipai SHP Station (2x250 KW), Tuipai, Distt. Champhai, Mizoram", Ministry of New and Renewable Energy, February 2008. **(67)**
38. H.K. Verma, Arun Kumar, R.P. Maheshwari and B.K. Gandhi, "Performance Testing of Ranganathaswamy Hydro Power Station (3x8250 KW), Shivanasamudram, Distt. Chamrajnagar, Karnataka", Ministry of New and Renewable Energy, March 2008. **(68)**
39. H.K. Verma, Arun Kumar and Vinod Kumar, "Performance Testing of Debal SHP Station (2x2.5 MW), Debal, Distt. Chamoli, Uttarakhand", Ministry of New and Renewable Energy, March 2008. **(69)**
40. H.K. Verma, Padam Kumar and N.K. Gupta, "High-Speed Wired/Wireless Connectivity in Students' Hostel Rooms", May 2008 **(70)**
41. H.K. Verma, Arun Kumar and Vinod Kumar, "Performance Testing of MGHE Project (2x11 MW), Jogfalls, Distt. Shimoga, Karnataka", Ministry of New and Renewable Energy, August 2008. **(71)**
42. H.K. Verma, Arun Kumar and R.P. Saini, "Performance Testing of Loharkhet SHP Station (3x1.5 MW), Loharkhet, Distt. Bageshwar, Uttarakhand", Ministry of New and Renewable Energy, December 2008. **(77)**
43. H.K. Verma, Arun Kumar and Vinod Kumar, "Performance Testing of Hemagiri SHP Station (2x2.0 MW), Hemagiri, Distt. Mandya, Karnataka", Ministry of New and Renewable Energy, December 2008. **(78)**
44. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Sikasar (2x3.5 MW), Sikasar, Distt. Raipur, Chhattisgarh", Ministry of New and Renewable Energy, December 2008. **(79)**
45. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Sidhana SHP Station (1x1.2 MW), Sidhana, Distt. Bathinda, Punjab", Ministry of New and Renewable Energy, February 2009. **(81)**
46. H.K. Verma, "e-Governance Pilot Projects" Implemented by Indian Institute of Technology Roorkee for Government of Uttarakhand", March 2009 **(83)**
47. H.K. Verma, J.D. Sharma, Harsha Sinvhal, Vinod Kumar, V.K. Nangia and Yogendra Singh, "Prototype Development & Deployment of VSAT-Enabled Mobile e-Learning Terminals", June 2009. **(85)**
48. H.K. Verma, Arun Kumar and R.P. Saini, "Performance Testing of Sahu SHP Station (2x2.5 MW), Sahu, Distt. Chamba, Himachal Pradesh", Ministry of New and Renewable Energy, July 2009. **(86)**
49. H.K. Verma, Arun Kumar and R.P. Maheshwari, "Performance Testing of Hanumanganga SHP Station (1x1.95 MW), Hanumanganga, Distt. Uttarkashi, Uttarakhand", Ministry of New and Renewable Energy, October 2009. **(87)**
50. H.K. Verma, Arun Kumar and R.P. Saini, "Performance Testing of Serlui SHP Station (2x0.25 + 1x0.50 MW), Serlui, Distt. Aizawl, Mizoram", Ministry of New and Renewable Energy, December 2009. **(92)**
51. H.K. Verma, "Technical Progress Report on VSAT-Enabled Mobile e-Learning Terminals (MeLT) Pilot Project", February 2010. **(93)**
52. H.K. Verma, "Instructional Manual: How to Set-up and Use e-Learning Systems with MeLT Equipment", March 2010. **(94)**

53. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Tarailla-II SHP Station (2x2.5 MW), Tarailla, Distt. Chamba, Himachal Pradesh", Ministry of New and Renewable Energy, July 2010. **(97)**
54. H.K. Verma and Arun Kumar, "Performance Testing of Khawiva SHP Station (3x0.35 MW), Khawiva, Distt. Lunglei, Mizoram", Ministry of New and Renewable Energy, August 2010. **(99)**
55. H.K. Verma, Arun Kumar and R.P. Maheshwari, "Performance Testing of Bhilangana Hydroelectric Project (3x7.5 MW), Bhilangana, Distt. Tehri Garhwal, Uttarakhand", Ministry of New and Renewable Energy, September 2010. **(100)**
56. H.K. Verma and Arun Kumar, "Performance Testing of Luni-II SHP Station (2x2.5 MW), Luni, Distt. Kangra, Himachal Pradesh", Ministry of New and Renewable Energy, Dec. 2010. **(105)**
57. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Ullunkal (2x3.5 MW), Chittar, Distt. Pathanamthitta, Kerala", Ministry of New and Renewable Energy, December 2010. **(106)**
58. H.K. Verma and Arun Kumar, "Performance Testing of Iruttukanam (2x1.5 MW), Iruttukanam, Distt. Idukki, Kerala", Ministry of New and Renewable Energy, December 2010. **(109)**
59. H.K. Verma, Arun Kumar and R.P. Saini, "Performance Testing of Manglad SHP Station (2x2.25 MW), Manglad, Distt. Shimla, Himachal Pradesh", Ministry of New and Renewable Energy, January 2011. **(110)**
60. H.K. Verma, Arun Kumar and R.P. Maheshwari, "Performance Testing of Nagavali SHP Station (1x1.725 MW), Naguru, Distt. Vizianagaram, Andhra Pradesh", Ministry of New and Renewable Energy, February 2011. **(112)**
61. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Kenchengudem SHP Station (3x2 MW), Kenchengudem, Distt. Bellary, Karnataka", Ministry of New and Renewable Energy, February 2011. **(113)**
62. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Khanpur (2x550 kW), Khanpur, Distt. Ludhiana, Punjab", Ministry of New and Renewable Energy, May 2011. **(119)**
63. H.K. Verma, Arun Kumar and R.P. Saini, "Performance Testing of Nira-Deoghar SHP Station (2x3.5 MW), Nigudhar, Distt. Pune, Maharashtra", Ministry of New and Renewable Energy, May 2011. **(120)**
64. H.K. Verma, Arun Kumar, B.K. Gandhi and R.P. Maheshwari, "Performance Testing of GGSSTP SHP Station (2x0.850 MW), Distt. Ropar, Punjab", Ministry of New and Renewable Energy, June 2011. **(122)**
65. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Korba (2x850 kW), Korba, Distt. Chhattisgarh, Raipur", Ministry of New and Renewable Energy, July 2011. **(124)**
66. H.K. Verma, Arun Kumar and Vinod Kumar, "Performance Testing of Sonawade (2x2.2 MW), Distt. Sangli, Maharashtra", Ministry of New and Renewable Energy, August 2011. **(125)**
67. H.K. Verma, Arun Kumar and R.P. Saini, "Performance Testing of Jaldhaka Hydroelectric Project, Jaldhaka, Distt. Darjeeling, West Bengal", Ministry of New and Renewable Energy, October 2011. **(131)**
68. H.K. Verma, Arun Kumar and R.P. Saini, "Performance Testing of Binua Parai SHP Station (2x2.5 MW), Distt. Kangra, HP", Ministry of New and Renewable Energy, October 2011. **(132)**

69. H.K. Verma, Arun Kumar, R.P. Maheshwari and R.P. Saini, "Performance Testing of Brenwar (3×2.5 MW), Brenwar, Distt. Budgam, J&K", Ministry of New and Renewable Energy, November 2011. **(137)**
70. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Deoghar SHP Station (1×1.5 MW), Ghonsari, Distt. Sindhudurg, Maharashtra", Ministry of New and Renewable Energy, December 2011. **(138)**
71. H.K. Verma, Arun Kumar and R.P. Maheshwari, "Performance Testing of Palor-I SHP Station (2×1.5 MW), Palor, Distt. Sirmour, HP", Ministry of New and Renewable Energy, January 2012. **(140)**
72. H.K. Verma, Arun Kumar and R.P. Saini, "Matar Branch Canal Project, Nadiad, Distt. Kheda, Gujarat", Ministry of New and Renewable Energy, February 2012. **(141)**
73. H.K. Verma, Arun Kumar and R.P. Saini, "Performance Testing of Damanganga SHP Station (2×1.5 MW), Silvasa, Distt. Valsad, Gujarat", Ministry of New and Renewable Energy, February 2012. **(143)**
74. H.K. Verma, Arun Kumar and Vinod Kumar, "Performance Testing of Nandigama-III (1×1.6 MW), Distt. Khammam, Andhra Pradesh", Ministry of New and Renewable Energy, February 2012. **(144)**
75. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Yettinahole (2×1.5 MW), Sakleshpur, Distt. Hassan, Karnataka", Ministry of New and Renewable Energy, February 2012. **(145)**
76. H.K. Verma, Arun Kumar and R.P. Saini, "Performance Testing of Karjan (2×1.5 MW), Rajpipala, Distt. Narmada, Gujarat", Ministry of New and Renewable Energy, March 2012. **(146)**
77. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Perla Hydroelectric (5×4.8 MW), Bantwal, Distt. Dakshina Kannada, Karnataka", Ministry of New and Renewable Energy, March 2012. **(147)**
78. H.K. Verma, Arun Kumar and R.P. Saini, "Performance Testing of Brahl SHP Station (2×2.0 MW), BOH, Distt. Kangra, HP", Ministry of New and Renewable Energy, May 2012. **(150)**
79. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Dadupur SHP Station (4×1.5 MW), Dadupur, Distt. Yamunanagar, Haryana", Ministry of New and Renewable Energy, June 2012. **(151)**
80. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Darna SHP Station (2×2.45 MW), Nandgaon Budruk, Distt. Nasik, Maharashtra", Ministry of New and Renewable Energy, June 2012. **(152)**
81. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of Dhom SHP Station (2×2 MW), Balkwadi, Maharashtra", Ministry of New and Renewable Energy, Jan. 2013. **(170)**
82. H.K. Verma, Arun Kumar and B.K. Gandhi, "Unit Efficiency Test on Bassi Hydro-Electric Project (4×16.5 MW), Joginder Nagar, Himachal Pradesh", Andritz Hydro Pvt. Ltd., Prithla, Palwal, Haryana, March 2013. **(174)**
83. H.K. Verma, Arun Kumar and B.K. Gandhi, "Performance Testing of of Brindavan Tail Race Scheme (2×2 MW), Brindavan, Mysore, Karnataka", Ministry of New and Renewable Energy, Oct. 2013. **(175)**
84. H.K. Verma and R.P. Singh, "Energy Audit Report for Sharda University", Sharda University Management, March 2016. **(176)**