

DR. H.K. VERMA

List of Ph.D. Theses Guided (18)

1. Application of Microprocessor to Some Power System Problems.
(A.K. Ghai, submitted on 15.2.80, Ph.D. awarded in 1982)
University of Roorkee, Roorkee.
2. Microprocessor–Aided On–Line Processing of Electrocardiographic Signal for Diagnosis and Prosthesis.
(V.N. Pande, submitted on 12.9.85, Ph.D. awarded in 1986)
University of Roorkee, Roorkee.
3. On Application of Microprocessor to substation Relaying.
(A.M. Basha, submitted on 18.12.85, Ph.D. awarded in 1986)
University of Roorkee, Roorkee.
4. Digital Algorithms and Relaying Schemes for Protection of Power Systems.
(G.C. Kakoti, submitted on 27.7.88, Ph.D. awarded in 1989)
University of Roorkee, Roorkee.
5. Microprocessor–Based Instrumentation for Conductor Vibration Measurement.
(K. Valecha, submitted on 19.1.90, Ph.D. awarded in 1990)
University of Roorkee, Roorkee.
6. Microprocessor–Based Protection and Monitoring of Large Generators.
(K. Soundara Rajan, submitted on 30.8.90, Ph.D. awarded in 1992)
University of Roorkee, Roorkee.
7. Development of Pattern Recognition Techniques for the Analysis of ECG Waveform.
(S.S. Mehta, submitted on 13.12.94, Ph.D. awarded in 1995)
University of Roorkee, Roorkee.
8. Development in Adaptive Relaying for Transformer and Line Protection.
(R.P. Maheshwari, submitted on 25.9.95, Ph.D. awarded in 1996)
University of Roorkee, Roorkee.
9. Artificial Neural Network Based ECG Classification.
(G. Vijaya, submitted on 19.8.97, Ph.D. awarded in 1998)
University of Roorkee, Roorkee.
10. Ambulatory Monitoring and Analysis of ECG Signals.
(P.K. Kulkarni, submitted on 29.9.97, Ph.D. awarded in 1998)
University of Roorkee, Roorkee.
11. Developments in Model–Reference Adaptive Digital Control.
(Rajan Hari Chile, submitted on 22.1.99, Ph.D. awarded in 1999)
University of Roorkee.

12. Medical Image Compression and Analysis.
(Sukhwinder Singh, submitted on 29.12.05, Ph.D. awarded in 2006)
Indian Institute of Technology Roorkee, Roorkee.
13. Application of Neuro-Fuzzy Techniques for Power Transformer Differential Protection.
(Manoj Tripathy, Ph.D. awarded in 2007)
Indian Institute of Technology Roorkee, Roorkee.
14. Physiological Manifestations under Venom Interaction and Their Analysis.
(Ranjan Maheshwari, Ph.D. awarded in 2007)
Indian Institute of Technology Roorkee, Roorkee.
15. Development of Smart Wireless Sensor and Actuator Network (WSAN) for Next-Generation Greenhouse.
(Roop Pahuja, Ph.D. awarded in 2016)
DBRA-NIT, Jalandhar.
16. Wireless Network Based Monitoring of Greenhouse.
(Suman Lata, submitted on 19.10.2020, Ph.D. awarded in 2021)
Sharda University, Greater Noida.
17. Assistive Technologies for Elderly and Physically Challenged People.
(C. Mohan, submitted on 22.08.2021, Ph.D. awarded in 2021)
Sharda University, Greater Noida
18. Development of Techniques and Algorithms for Digital Protection of HVDC Transmission Line.
(Soma Deb, submitted on 23.11.2021, Ph.D. awarded in 2022)
Sharda University, Greater Noida.