Dr Pradeep Chatterjee completed BE in Electrical & Electronics Engineering in 1995 and Ph.D in Artificial Intelligence in 2011 from BIT, Mesra, Ranchi, India. He joined Tata Motors, Jamshedpur in 1995 as Graduate Engineer Trainee. There he worked for around 10 years in plant maintenance dealing with maintenance and design modifications on conventional, PLC controlled and CNC machines. Then he switched over to Corporate IT function where he was looking after IT co-ordination for Jamshedpur plant and HVTL and HVAL (two subsidiaries of Tata Motors). In 2010 he relocated to Pune and worked as Head – Enterprise Architecture. He has setup architectural principles and robust technology selection process for Tata Motors. During these periods he served with additional responsibilities to manage Eastern Region for CRM applications, Jaguar-LandRover IT Co-ordination and managing business relationship with IT for engineering research center of Tata Motors. He is presently working as Head – Enterprise Applications in Tata Motors. He is the IEEE Industry Relationship Chair – Pune Section.

He has deliberated sessions in SAIL, Coal India, SICSR, Pune on topics of electrical engineering, artificial intelligence applications and IT management. Felicitated as Chief Guest at Raisoni Institute of Engineering and Technology.

As part of his research work he has designed and applied Artificial Intelligence (AI) in electric drives and image processing. His research work is primarily focused in fields of neural network, fuzzy logic and genetic algorithm. He designed architecture of modular neural network to improve learning cycle time and accuracy. To improve overall processing time designed fuzzy controller introducing new concepts for reducing fuzzy rule base.

 His present research interests include AI design to emulate human brain and application of AI in forecasting, cancer detection and driverless vehicles. He has served as reviewer in IEEE journals and has around 15 publications to his credit in various national and international journals and conferences.

He has been awarded Rashtriya Gaurav award by IIFS in 2004, Next 100 CIO award by 9dot9 media publications in 2010 and The Einstein Award in Tata Motors OUTDO in 2011.