

Dr. Sambeet Mishra

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🔍 [Google Scholar](#) | ✉ sambeetmishra.com | 🌐 [/sambeet-mishra](#)



Work Experience

- 2023 - ... **PROFESSOR** *University of South-Eastern Norway (USN), Norway*
- Energy Policy & Markets
 - Power system planning & Hydro Power
 - Energy Informatics
 - Mathematical optimization
- 2021 - 2022 **RESEARCH SCIENTIST** *SINTEF Energy, Norway*
- Multi Energy Market Modeling
 - Price prognostics
 - Power system planning
 - Mathematical optimization
- 2020 - 2022 **JOINT POST-DOCTORAL RESEARCHER** *DTU, Denmark + TalTech, Estonia* [Electrical Power Engineering](#)
- Integrated Energy Systems
 - Virtual Power Plants
 - Mathematical optimization and Machine Learning
- 2019- 2020 **DATA SCIENTIST** *Operail (Government owned freight transport company)*
- Driver Advisory Systems
 - Multi-modal transportation
 - Scheduling of crews for rail transport
- 2016-2018 **VISITING RESEARCH FELLOW (AFFILIATED)** *NTNU, Norway*
[Industrial Economics and Technology Management \(IØT\)](#)
- Energy Policy and Markets
 - Mathematical Optimization Modeling
 - Energy Economics - Game Theory
- 2015-2020 **RESEARCHER** *Tallinn Univeristy of Technology (TalTech), Estonia*
- Power system operations & planning
 - Applied Mathematics
 - Energy Informatics

Education

- 2014-2018 **DOCTORAL STUDIES** *Electrical power Engineering, Tallinn University of Technology (TalTech), Estonia*
["Models for Modern Power Distribution System Planning"](#)
- 2011-2013 **MASTER OF TECHNOLOGY IN ELECTRICAL ENGINEERING** *KIIT University, India*
Specialization in Power & Energy system (Distinction) [Two dissertations]
- 2006-2010 **BACHELOR OF TECHNOLOGY IN ELECTRICAL ENGINEERING** *KIIT University, India*
Electrical Engineering
Electrical Equipment control using C-programming

Academic works

- **Papers:** 37+ international scientific publications
- **Books:** 2 Springer book chatpers
- *h*-index: 14 [[Google scholar](#)]
- **Supervised:** 10 Master and 4 bachelor thesis
- **Supervision:** 8 PhD, 2 Post Doctoral Fellows
- **Memberships and societies:** IEEE Senior Member, IEEE Power and energy society, Convenor of CIREN work-group, IEEE task force on Energy blockchain

IT skills

- **Programming environments :** Python, Julia, R, MATLAB/Octave, Java Script, C++
- **Algebraic environments :** GAMS and AIMMS
- **Data management :** Tableau and PowerBI
- **Office tools :** Microsoft office, LaTeX, OverLeaf
- **Operating systems :** Windows, MAC, Linux (Ubuntu)
- **Cloud computing :** SLURM workload manager, Amazon AWS, MS Azure, Google GCP