

Research Publications-Dr.Saqib Jamshed Rind

2023

- **Saqib Jamshed Rind**, Saba Javed , Yawar Rehman , and Mohsin Jamil, “Sliding mode control rotor flux MRAS based speed sensorless induction motor traction drive control for electric vehicles” AIMS Electronics and Electrical Engineering, Volume: 7, issue:4, pages:354-379, October, 2023.
ISSN: 2578-1588
DOI: [10.3934/electreng.2023019](https://doi.org/10.3934/electreng.2023019)

2022

- Yaxing Ren, Ruotong Wang, **Saqib Jamshed Rind**, Pingliang Zen, Lin Jiang “Speed sensorless nonlinear adaptive control of induction motor using combined speed and perturbation observer”, Journal of Control Engineering Practice, Volume 123, June 2022.
ISSN: 0967-0661,
DOI: <https://doi.org/10.1016/j.conengprac.2022.105166>

2021

- Mohsin Jamil, Muhammad Nasir Khan, **Saqib Jamshed Rind**, Qasim Awise, Muhammad Uzair “Neural network predictive control of vibrations in tall structure: An experimental controlled vision”, Journal of Computers and Electrical Engineering, Volume 89, January 2021.
ISSN: 0045-7906,
DOI: <https://doi.org/10.1016/j.compeleceng.2020.106940>

2020

- Yaxing Ren, **Saqib Jamshed Rind**, Lin Jiang “A coordinated control strategy for battery/supercapacitor hybrid energy storage system to eliminate unbalanced voltage in a standalone AC microgrid”, Journal of Intelligent Manufacturing and Special Equipment, December 2020.
ISSN: 2633-6596,
DOI: <https://doi.org/10.1108/JIMSE-08-2020-0007>
- Mehmood Ali, **Saqib Jamshed Rind**, “Engine Performance and Emission Analysis using Neem and Jatropha Blended Biodiesel” LA GRANJA, Life Sciences Journal, Vol 32 No 2, September 2020.
DOI: <https://doi.org/10.17163/lgr.n32.2020.02>

2019

- Palwasha Rauf , Mohsin Jamil, Syed Omer Gilani, **Saqib Jamshed Rind**,“ Comparison of Nonlinear Controllers for Speed Control of DC Motor”, IEEE 9th Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON), Vancouver, BC, Canada, pages 389 - 394, November, 2018.

ISBN: 978-1-5386-7266-2,

DOI: [10.1109/IEMCON.2018.8614853](https://doi.org/10.1109/IEMCON.2018.8614853)

2018

- **Saqib Jamshed Rind**, Anas Amjad, Mohsin Jamil ,“ Rotor Flux MRAS based Speed Sensorless Indirect Field Oriented Control of Induction Motor Drive for Electric and Hybrid Electric Vehicles”, 53rd International Universities Power Engineering Conference (UPEC), Glasgow, UK, pages 1-6, September 2018.

ISBN: 978-1-5386-2910-9,

DOI: [10.1109/UPEC.2018.8542009](https://doi.org/10.1109/UPEC.2018.8542009)

- **Saqib Jamshed Rind**, Mohsin Jamil , Anas Amjad,“Electric Motors and Speed Sensorless Control for Electric and Hybrid Electric Vehicles: A Review”, 53rd International Universities Power Engineering Conference (UPEC), Glasgow, UK, pages 1-6, September 2018.

ISBN: 978-1-5386-2910-9,

DOI: [10.1109/UPEC.2018.8541871](https://doi.org/10.1109/UPEC.2018.8541871).

2017

- **Saqib Jamshed Rind**, Yaxing Ren, Yihua Hu, Jibing Wang, Lin Jiang, “Configurations and control of traction motors for electric vehicles: A review”, Chinese Journal of Electrical Engineering, vol.3 , issue.3, December 2017.

ISSN: 2096-1529,

DOI: [10.23919/CJEE.2017.8250419](https://doi.org/10.23919/CJEE.2017.8250419).

2015

- **Saqib Jamshed Rind**, Y. Ren, K. Shi, L. Jiang, and M. Tufail, Rotor flux-MRAS based speed sensorless non-linear adaptive control of induction motor drive for electric vehicles, 50th International Universities Power Engineering Conference (UPEC), Stoke on Trent, UK, pages 1-6, September 2015.

ISBN: 978-1-4673-9682-0,

DOI: [10.1109/UPEC.2015.7339869](https://doi.org/10.1109/UPEC.2015.7339869).

2014

- **Saqib Jamshed Rind**, Yaxing Ren, and Lin Jiang, Traction motors and speed estimation techniques for sensorless control of electric vehicles: A review, 49th International Universities Power Engineering Conference (UPEC), Cluj-Napoca, Romania, pages 1-6, September 2014.

ISBN: 978-1-4799-6557-1,
DOI: 10.1109/UPEC.2014.6934646.

- **Saqib Jamshed Rind**, Y. Ren, and L. Jiang, MRAS based speed sensorless indirect vector control of induction motor drive for electric vehicles , 49th International Universities Power Engineering Conference (UPEC), Cluj-Napoca, Romania, pages 1-6, September 2014.

ISBN: 978-1-4799-6557-1
DOI: 10.1109/UPEC.2014.6934645.

- Muhammad Tufail, Frans Coenen, Tintin Mu, **Saqib Jamshed Rind**, Mining movement patterns from video data to inform multi-agent based simulation, International Workshop on Agents and Data Mining Interaction, Paris, France, May 2014.