

DR. SAQIB JAMSHED RIND

Assistant Professor
Sjrind@neduet.edu.pk

Academic Qualification: **PhD**, Electric Motor Drive Control for Electrical Vehicles
(In chronological order) University of Liverpool, England, July 2017.

MSc, Automation and Control Engineering , University of Newcastle Upon Tyne, England, August 2007.

BEng, Industrial Electronics Engineering, IIEE- NED University of Engineering & Technology, December 2004

Experience: **May 2005-Present:** NED University of Engineering and Technology

- As an Assistant Professor (Jan 2008- present)
- As a Lecturer (May 2005 – Jan 2008)

Feb,2005-April,2005: Analytical Measuring System Pvt. Ltd

- As a Trainee Service Engineer

Professional Membership:

Member Institute of Electrical & Electronics Engineering (IEEE)-USA

Member Pakistan Engineering Council (PEC)-PAK

Honors & Awards:

Secured PhD Scholarship for England in 2017 from NED University of Engineering & Technology.

Secured partial PhD studentship from The University of Liverpool, England.

Secured MSc Scholarship for England in 2006 from NED University of Engineering & Technology.

Secured 100% Marks in Final year BEng Project work.

Conference, Presentation & Course Attended:

50th Universities Power Engineering Conference (UPEC) Stoke on Trent, England, September, 2015

49th Universities Power Engineering Conference (UPEC) in Cluj-Napoca, Romania , September, 2014

02 Days Internal Auditor Training from Lloyds Quality Assurance 2010.

04 Days Workshop on academic writing & Communication Skills from The University of Newcastle-England in 2006.

Publications:

- 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

- Saqib Jamshed Rind “Speed sensorless induction motor drive control for electric vehicles”, PhD Dissertation, University of Liverpool, July 2017.

- 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.

- 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, May, 2014.

- Saqib Jamshed Rind, “Advanced control techniques of induction motors” M.Sc Dissertation, Newcastle University, August 2007

Research Interests:

- Applications of Power Electronics in Automotive Systems
- Electric & Hybrid Electric Vehicle for the next Generation
- Electrical Energy storage for EVs and HEVs
- Designing & Development of Power Electronic Converters.
- Renewable Energy Systems.

Administrative Responsibilities:

- Department’s OBE team member
 - BEng Final Year Academic Councilor
 - Departmental Advisor for Society Automotive Engineering
 - Member Department Board of Studies
 - Lab-Officer Incharge of Automotive Electronics Lab & Basic Electronics Lab.
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