



Prof. Dr Abdul Sattar Larik

PhD, M.E, B.E (Electrical Power Engineering)

Dean Faculty of Science, Technology & Humanities

To establish an academic environment at MUET for upholding Research Culture in Pakistan.

Brief Profile:

Dr. Larik was born in a village Chhajra, district Larkana. He received his primary education in his native village. He secured First Class SECOND Position during his undergraduate studies at Mehran University of Engineering & Technology, Jamshoro. He pursued his PhD studies from same university under the Indigenous Ph.D. Program and was awarded Ph.D degree in Power Electronics and Control Engineering. He has been involved in teaching a number of courses both at undergraduate and postgraduate levels since two decades.

Publications:

International	(20)
National	(25)
Conference Papers:	(15)

Research Scholar Produced:

PhD	(02)
Postgraduate	(63)

Inprogress

PhD	(05)
Postgraduate	(07)

Workshop, Seminars & Exhibitions Attended:

Workshops	(15)
Exhibitions	(40)

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Teaching Interest:

- Power Electronics and Control, Solid State Devices, Digital Systems, Power Distribution & Utilization and Feedback Control System.

Research Interest:

- Power Semiconductor Devices, Sliding Mode Control, DC-DC Converter Topologies Control, Modeling and Simulation, Soft-switching Techniques, FACTS, Switch Mode Power Supplies (SMPS), Power Quality, converter control, modeling, and simulation.

Professional Experience:

Department of Electrical Engineering, Mehran UET, Jamshoro

- **Demonstrator**, 8th December, 1999 to 27th February, 2001
- **Lecturer**, 28th February, 2001 to 30th September, 2009
- **Associate Professor**, 1st October, 2010 to 6th February, 2012
- **Professor**, 7th February, 2012 to date
- **Chairman** of Department from 04-June-2011 to 12-March-2018
- **Inspector Colleges** from 20-August-2020 to 17-April-2023
- **HEC Approved PhD Supervisor**
- **Editor in Chief** of International Journal of Electrical Engg. & Emerging Technology (IJEET).
- **Program Evaluator (PEV)** of OBE based Accreditation Engineering programs nominated by PEC.

U.S Patent:

- “BI-AXIAL BIAS WEAVING MACHINE AND MATERIAL THEREOF” Inventors Dr. Pirzada, Dr. Parsad Polari, Dr. M. A Sadaf and Dr. Larik A. Sof Filing U.S Patent Serial No. 15/072,497 17th March, 2016. Pub. No. US 2019 / 0360132 A1 Publication Date: NOV, 28. 2019.

National & International Awards/Honors:

- Selected in WHO's WHO in Pakistan 2011 published in Registration No. VOL- II/2011/119-MN by South Asia Publication.

Project Design/Development

- Designed and Development of Radio Controlled Pop-up Target used for Infantry (PAK Army, Hyderabad Cantonment 1999).

International Trainings /Conferences/ Technical Visits

- From 14th to 21st July, 2014 training on “Electrical Power Engineering, Smart Grid Renewable Energies & Electrical Machines” held at Rozzano (Milan) Italy organized by DE LORENZO Company, **Italy**.
- From 12th July, 2017 to 22nd July, 2017 within the framework of the International Mobility Project CAPRIO to peruse joint research collaborations within the field of ICT between Mehran UET, Jamshoro, Pakistan and University of Malaga, **Spain**.
- From 28th October to 31st October, 2017 successfully completed training course on EDIBON Training Units at EDIBON INTERNATIONAL, S.A Facilities in LEGANES (MADRID), **Spain**.
- From 02nd March to 10th March, 2019 participation in 9th International Conference on Industrial Engineering, and operations management (IEOM) Bangkok **Thailand**.