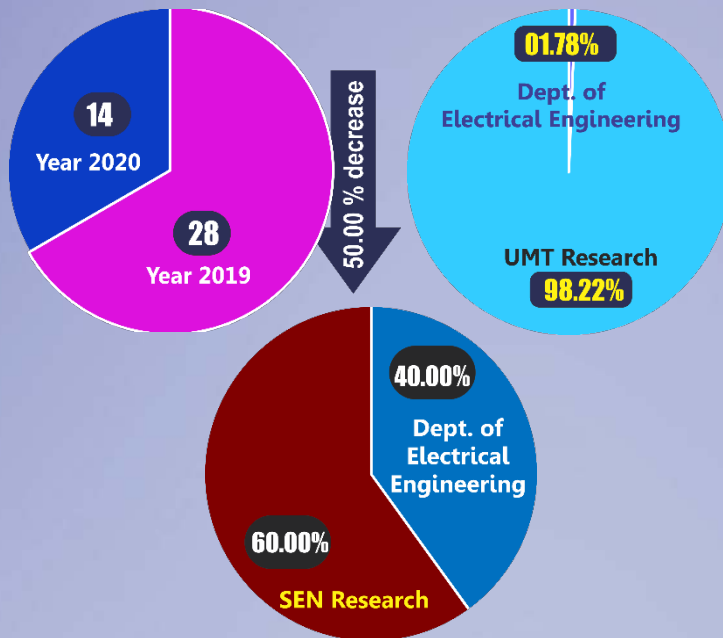


Department of Electrical Engineering



Publications
14

JCR	SJR	HEC
06	00	00

- Ullah, I. (2020). Fiber-based daylighting system using trough collector for uniform illumination. *Solar Energy*, 196,484-493.
doi: 10.1016/j.solener.2019.12.052.
(Irfan Ullah) **WoS/JCR(IF: 4.608)**
- Asim, M., Saleem, S., Imran, M., Leung, M. K. H., Hussain, S. A., Miró, L. S., & Rodríguez, I. (2020). Thermo-economic and environmental analysis of integrating renewable energy sources in a district heating and cooling network. *Energy Efficiency*, 13(1), 79-100.
doi: 10.1007/s12053-019-09832-9.
(Muhammad Asim) **WoS/JCR(IF: 1.810)**
- Ayub, M., Atiq, S., Ali, Q., Hussain, A., & Kwon, B. (2020). Dual-mode wound rotor synchronous machine for variable speed applications. *IEEE Access*, 8, 115812-115822.
doi: 10.1109/ACCESS.2020.2999609.
(Asif Hussain) **WoS/ JCR (IF: 4.098)**
- Ayub, M., Hussain, A., Sirewal, G. J., & Kwon, B.-I. (2020). Wye-delta winding configuration for brushless operation of a wound field synchronous machine. *International Journal of Applied Electromagnetics and Mechanics*, 64, (1-4), 1165-1172.
doi: 10.3233/JAE-209433.
(Asif Hussain) **WoS/JCR(IF: 0.684)**
- Saleem, M. S., Abas, N., Kalair, A. R., Rauf, S., Haider, A., Tahir, M. S., & Sagir, M. (2020). Design and optimization of hybrid solar-hydrogen generation system using TRNSYS. *International Journal of Hydrogen Energy*, 45(32), 15814-15830.
doi: 10.1016/j.ijhydene.2019.05.188.
(Muhammad Shoaib Saleem, Aun Haider)
(SKT Campus) **WoS/ JCR (IF: 4.939)**
- Rehman, B., Liu, C., Wei, W., Fu, C., & Li, H. (2020). Applications of eigenvalues in installation of multi-infeed HVDC system for voltage stability. *International Transactions on Electrical Energy Systems*. 30(12). e12645.
doi: 10.1002/2050-7038.12645.
(Bilawal Rehman) (SKT Campus) **WoS/JCR(IF: 1.692)**

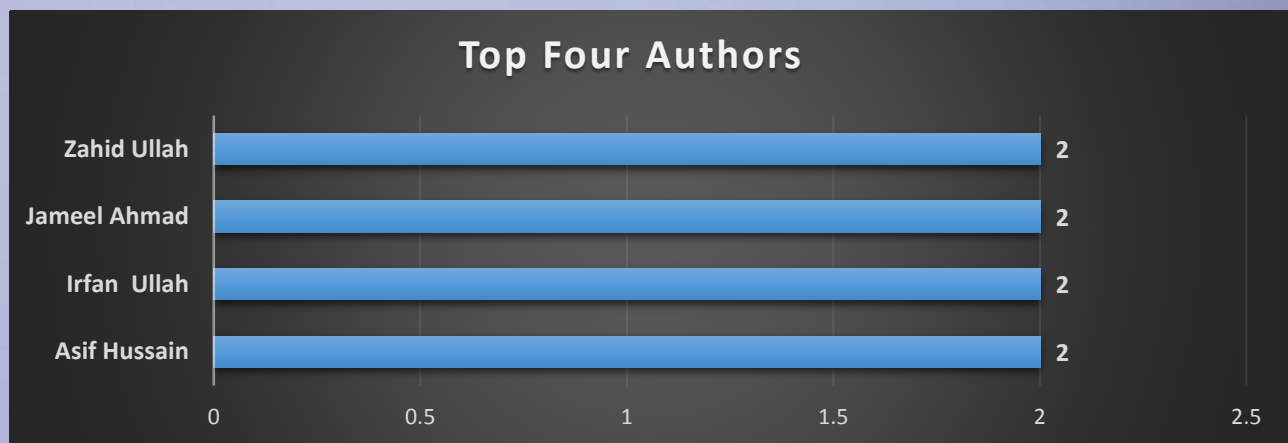
* Compiled at LRC by: **Sehrish Shoukat**
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Dated: **30-06-2021**

Conference Proceedings

1. Basit, A., Ullah, Z., Khan, I., Ullah, K., Sarwar, M. A., Ali, S. M., . . . Mehmood, C. A. (2020, 29-30 Jan. 2020). Electric Vehicles Interactions for Efficient Energy Performance within Smart Grid. Paper presented at the 2020 3rd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET).
(Zahid Ullah, Irfan Ullah) (SKT Campus) SJR
2. Perkins, G., McGlinn, C., Rizwan, M., & Whitaker, B. M. (2020, 13-16 Sept. 2020). Detecting Cardiac Abnormalities From 12-lead ECG Signals Using Feature Selection, Feature Extraction, and Machine Learning Classification. Paper presented at the 2020 Computing in Cardiology.
(Muhammad Rizwan) SJR

Highest Impact Factor:
(Muhammad Shoaib Saleem, Aun Haider) 4.939

3. Abideen, Z. U., Tariq, H., Hafeez, M. A., & Subhani, Z. M. (2020, 11-13 Oct. 2020). An Improved Implementation of Shift Displacement Method on Hardware–Comprehensive Evaluation of Emerging Bipedal Techniques. Paper presented at the 2020 4th International Conference on Automation, Control and Robots (ICACR).
(Hassan Tariq, M. Asfanad Hafeez, Zahid Mehmood Subhani) SJR
4. Khalid, M., Sardar, A., & Jaffar, S. (2020). Influence of Footing Shapes and GWT on Bearing Capacity and Settlement of Cohesive Soil beneath Shallow Foundations. *The Nucleus*, 57(2), 39-48.
(M. Khalid, A. Sardar, Syed Taseer Abbas Jaffar) SJR



5. Khan, T. A., Kalimullah, Hafeez, G., Khan, I., Ullah, S., Waseem, A., & Ullah, Z. (2020, 12-13 June 2020). Energy Demand Control Under Dynamic Price-based Demand Response Program in Smart Grid. Paper presented at the 2020 International Conference on Electrical, Communication, and Computer Engineering (ICECCE).
(Taimoor Ahmad Khan, Kalimullah, Ghulam Hafeez, Imran Khan) (SKT Campus) SJR
6. Nawaz, A., Hafeez, G., Khan, I., Usman, M., Jan, K. U., Ullah, Z., & Diallo, D. (2020, 12-13 June 2020). Demand-side management of residential service area under price-based demand response program in smart grid. Paper presented at the 2020 International Conference on Electrical, Communication, and Computer Engineering (ICECCE).
(Zahid Ullah) (SKT Campus) SJR

Conference Papers

1. Ahmad, J., Aslam, M. A., Tahir, M., & Mazumder, S. K. (2020, 11-15 Oct. 2020). Distributed Control and Dynamic Optimization of a Microgrid. Paper presented at the 2020 IEEE Energy Conversion Congress and Exposition (ECCE).
(Jameel Ahmad)
2. Arsalan, A., Ahmad, J., Tahir, M., & Mazumder, S. K. (2020, 11-15 Oct. 2020). Distributed Control and Power Management of Islanded DC Nanogrids with Applications to Rural Electrification. Paper presented at the 2020 IEEE Energy Conversion Congress and Exposition (ECCE).
(Jameel Ahmad)

JCR (<i>Impact factor</i>):	06
Scopus (<i>SJR</i>):	00
HEC Recognized:	00
Books/Book Chapters:	00
Conference Proceedings:	06 (SJR)
Conference Papers:	02