Dr. Muhammad Farhat Kaleem completed the B.Sc. in Electrical Engineering from the University of Engineering and Technology, Lahore, the M.Sc. in Information and Communication Systems from the Hamburg University of Technology, Germany, and the Ph.D. in Electrical and Computer Engineering from Ryerson University, Toronto, Canada, followed by a post-doc for one year in the Physics department of Ryerson University working on new methodological approaches and algorithm and software development for fMRI. He is currently an Associate Professor in the Department of Electrical Engineering in the School of Engineering at the University of Management and Technology, Lahore. Dr. Kaleem's research interests are in the areas of biomedical signal analysis and adaptive methods of data analysis. Some of his recent publications are as follows:

1. **Kaleem, M.**, Guergachi, A., Krishnan, S., *Comparison of Empirical Mode Decomposition, Wavelets, and Different Machine Learning Approaches for Patient-Specific Seizure Detection Using Signal-Derived Empirical Dictionary Approach*, Frontiers in Digital Health, Vol. 3, DOI=10.3389/fdgth.2021.738996, December 2021.
2. Cordes, D., **Kaleem, M.**, Yang, Z., Zhuang, X., Curran, T., Sreenivasan, K., Mishra, V., Nandy, R., Walsh, R., *Energy-Period Proles of Brain Networks in Group fMRI Resting-State Data: A Comparison of Empirical Mode Decomposition With the Short-Time Fourier Transform and the Discrete Wavelet Transform*, Frontiers in Neuroscience, Vol. 15, pp: 594, May 2021.
3. **Kaleem, M.**, Guergachi, A., Krishnan, S., *Patient-Specific Seizure Detection in Long-Term EEG Using Wavelet Decomposition*, Biomedical Signal Processing and Control, Vol. 46, No. 2018, pp: 157-165, July 2018.

Dr. Irfan Ullah is an Associate Professor and Director Projects in Electrical Engineering Department, School of Engineering at the University of Management and Technology (UMT), Lahore, Pakistan. Previously, he was a post-doctoral fellow in Graduate Institute of Color and Illumination Technology at the National Taiwan University of Science and Technology, Taipei, Taiwan. He also worked as a visiting scholar in Competence Center Envelopes and Solar Energy at the Lucerne University of Applied Sciences and Arts, Horw, Switzerland. He has provided high-level research in a variety of institutes and across multiple research areas. He has published more than 40 research papers in international journals and conferences. From 2014, he is serving as the founding Editor-in-Chief of Journal of Daylighting. He has been invited as Guest Editor and reviewer of several international journals.

1. **Irfan Ullah**, *Optical Design of Centered-receiver CPV System*, Journal of Photonics for Energy, vol. 11, pp. 035502, 2021. IF: 1.836
2. **Irfan Ullah**, *Fiber-based daylighting system using trough collector for uniform illumination*, Solar Energy, vol. 196, pp. 484–493, 2020. IF: 5.742
3. **Irfan Ullah**, *Optical Modeling of Two-stage Concentrator Photovoltaic System Using Parabolic Trough*, Journal of Photonics for Energy, vol. 9, no. 4, pp. 043102, 2019. IF: 1.836

Dr. Jawwad Nasar Chattha received the bachelor's degree in Electrical Engineering from the University of Engineering and Technology, Lahore, in 2006, the master's degree in Electrical Engineering from the Virginia Tech, in 2009, and the Ph.D. degree in the area of communication theory from the Lahore University of Management Sciences, Lahore, in 2018. During master's, he worked as a Research Assistant in a National Science Foundation (NSF) Funded Project. He is currently teaching at the University of Management and Technology, Lahore, as an Assistant Professor. His research interests include communication theory and computer networking.

1. F. A. Butt, **J. N. Chattha**, J. Ahmad, M. U. Zia, M. Rizwan and I. H. Naqvi "*On the Integration of Enabling Wireless Technologies and Sensor Fusion for Next-Generation Connected and Autonomous Vehicles*", IEEE Access, 2022.
2. A Ahmad, I Khan, AN Hassan, **J. N. Chattha**, M Uppal *"Design and experimental prototyping of layered hybrid decode-estimate-forward relaying,"*, IEEE 89th Vehicular Technology Conference (VTC2019-Spring), 2019.
3. **J. N. Chattha**, M Uppal, *"Joint noisy network coding and decode-forward relaying for non-orthogonal multiple access",* IEEE Transactions on Wireless Communications, 2018.

Dr. Shakeel Ahmad completed B.Sc. and M.Sc. in Electrical Engineering from the University of Engineering and Technology, Lahore, Ph.D. in Electrical Engineering from Linkoping University, Sweden, and postdoctorate from IMST GmbH Germany. He is currently an Assistant Professor in the Department of Electrical Engineering in the School of Engineering at the University of Management and Technology, Lahore. Dr. Shakeel's research interests are in the area of analog and mixed-signal integrated-circuit design and power electronics. Some of his recent publications are as follows:

1. **Shakeel Ahmad**, Jerzy Dąbrowski, "*One-bit ΔΣ Encoded Stimulus Generation for on-Chip ADC Test*," Journal of Circuits, Systems, and Computers, World Scientific Publishing, vol. 29, no. 15, July 2020.
2. **Shakeel Ahmad**, Josep. M. Guerrero et al., "*Improved Topology of High Voltage Gain DC-DC Converter with Boost Stages*," International Journal of Electronics Letters, Taylor & Francis, March 2020.
3. **Shakeel Ahmad** and Jerzy Dąbrowski, "*Design of Two-Tone RF Generator for On-Chip IP3/IP2 Test*," Springer Journal of Electronic Testing, Theory and Applications, 35(1) pp. 77–85, 2019.

Dr. Faran Awais Butt received the B.Sc. degree in Electrical Engineering from the University of Engineering and Technology (UET) Lahore, Lahore, Pakistan, in 2009, and the master's degree in Computer Engineering from the Lahore University of Management Sciences (LUMS), in 2012. From 2018 to 2019, he worked as a Visiting Researcher at the Radar Group, University College London (UCL), London, U.K. He completed his PhD degree in Electrical Engineering from Lahore University of Management Sciences, Lahore, in 2019. He is currently working as an Assistant Professor with the University of Management and Technology (UMT), Pakistan. He is also associated with the Center for Global and Strategic Studies, Islamabad, as a member board of experts in electronic warfare and communications. He has more than ten years of experience in academia and research. He has a number of research articles, including a U.S. patent in the area of radar signal processing. His research interests include phased array, MIMO radars, FMCW, and optimization. He also won the Young Leaders Development Award and the Research Productivity Award in 2016 and 2017, respectively. He is a reviewer of a number of renowned journals in his areas of research. Some of his recent publications are as follows:

1. **F. A. Butt**, J. N. Chattha, J. Ahmad, M. U. Zia, M. Rizwan and I. H. Naqvi, *"On the Integration of Enabling Wireless Technologies and Sensor Fusion for Next-Generation Connected and Autonomous Vehicles",* IEEE Access, vol. 10, pp. 14643-14668, Feb, 2022.
2. M. Muqtadir, M. Haris Butt, D. Qazi, **F.A. Butt**, I.H. Naqvi, and N. Hassan *"Health Secure Radar: Use of Micro Doppler Signatures for Health Care and Security Applications"* In 2021 IEEE VTS 17th Asia Pacific Wireless Communications Symposium (APWCS), pp. 1-6. IEEE, Aug, 2021.
3. **F. A. Butt**, Ritchie M, Griffiths H, Li W, Naqvi IH, *"Crosstalk in modern software defined radio for the implementation of frequency modulated continuous wave radar"* , IET Radar, Sonar & Navigation, July 1, 2021.

Dr. Asif Hussain completed his BSc in Electrical Engineering from Bahauddin Zakariya University, Multan in 2005 and MS in Electrical Engineering from Seoul National University, South Korea in 2010. He completed his PhD in Electrical Engineering from Hanyang University, South Korea in August, 2018. He is currently working as Assistant Professor in Department of Electrical Engineering, UMT, Lahore. He has a number of research articles and Korean Patents in the field of Electrical Machines. His research interests are control and design of electrical machines and power systems. Some of his recent publications are as follows:

1. **A. Hussain**, S. Atiq and B. i. Kwon, *"Consequent-Pole Hybrid Brushless Wound-Rotor Synchronous Machine,"* IEEE Transactions on Magnetics. doi: 10.1109/TMAG.2018.2837690
2. **A. Hussain**, S. Atiq, and B. I. Kwon, *"Optimal Design and Experimental Verification of Wound Rotor Synchronous Machine Using Subharmonic Excitation for Brushless Operation"*, Energies. vol. 11, no. 3 (554), pp. 1-15, March. 2018.
3. M. Ayub, **A. Hussain**, G. Jawad and B. Kwon, *"Brushless Operation of a Wound-Field Synchronous Machine Using a Novel Winding Scheme,"* IEEE Transactions on Magnetics, vol. 55, no. 6, pp. 1-4, June 2019, Art no. 8201104. doi: 10.1109/TMAG.2019.2893883