

Permanent Faculty (Electrical)



**Engr. Dr. Husain Parvez
(Assoc. Prof.)**

HoD Electrical Engineering

PhD, (Computer Science & Micro-Electronics), UPMC
MCS, (Architecture and Design of Integrated Systems), UPMC
BE, (Computer Software Engg), NUST

Profile

Husain Parvez received his Bachelors of Engineering in Computer Science from National University of Sciences and Technology, Rawalpindi. He received MS and PhD in Electronics and Computer Science from University Pierre & Marie Curie (Paris-6), Paris. Before doing MS and PhD, he worked at the System-on-Chip tools department at Communications Enabling Technologies Islamabad, and at Video Decoder & Optimization department at Streaming Networks Islamabad. He has taught at University Pierre & Marie Curie, Paris, and at IQRA University, Karachi. He is associated with PAF-KIET since 2012. His current research interests include design and exploration of FPGA architectures and related CAD tools for FPGAs.

Dr. Parvez was the co-principal investigator of two ICTR&D funded projects, each worth 14 million rupees. He is also working on funded projects of mutual interest in collaboration with international partners. He has authored and co-authored 5 publications in high impact journals, and 15 papers in international conferences. He has also authored a book titled "Application-Specific Mesh-based Heterogeneous FPGA Architectures" published by Springer."

Research Interest

Architectures and Tools for Reconfigurable Architectures, FPGA-based System design, Embedded real-time Systems
Research Interest:"



**Engr. Dr. Imran Naseem
(Assoc. Prof.)**

PhD, Electrical Electronics & Computer Engg.) UoWA
MS, Electrical Engineering, KFUPM
BE, Electrical Engineering, NEDUET

Profile

Dr Imran Naseem received his B.E. (Electrical Engineering) degree in 2002 from the NED University of Engineering and Technology, Pakistan. He did his M.S. (Electrical Engineering) in 2005 from the King Fahd University of Petroleum and Minerals (KFUPM), KSA and PhD in 2010 from The University of Western Australia. He did his post doctorate at the Institute for Multi-sensor Processing and Content Analysis, Curtin University of Technology, Australia.

He joined the College of Engineering, KIET, Pakistan in 2011 where he is currently an Associate Professor. He is also an Adjunct Research Fellow at the School of Electrical, Electronic and Computer Engineering at The University of Western Australia. His research interests include pattern classification and machine learning with a special emphasis on biometrics and bioinformatics applications. He has authored several publications in top journals and conferences including IEEE Transactions on Pattern Analysis and Machine Intelligence, IEEE International Conference on Image Processing etc. His benchmark work on face recognition has received more than 180 citations in less than four years.

Research Interest

Signal Processing, Biometrics, Machine Learning, Pattern Classification

Permanent Faculty (Electrical)



Engr. Dr. Sameer Qazi
(Asstt. Prof.)

PhD, (Computer Network Optimization), UNSW
MS, (Telecomm), UNSW
BE, (Electrical Engineering), NUST

Profile

Dr Sameer Qazi received his Bachelors of Electrical Engineering degree from Pakistan Navy Engineering College, a constituent college of National University of Sciences and Technology (NUST) , Karachi. He received MS and PhD degrees in Telecommunications and Computer Network Optimization, respectively, from University of New South Wales, Australia. Before doing MS and PhD, he worked at the World Call Broad Band Limited, Karachi. He has taught at University of New South Wales (Australia), National University of Sciences and Technology, Karachi and served as Head of Electrical Engineering Department at DHA Suffa University, Karachi. He is associated with PAF-KIET since 2016. His current research interests include Traffic Matrix Estimation of Cloud Computing Architectures, Software Defined Networks and Wireless Networks. Dr. Sameer has authored and co-authored 21 publications in high impact journals and international conferences.

Research Interest

Cloud Computing Architectures, Software Defined Networks, Wireless Networks.



Engr. Kamran Ali Khan
(Asstt. Prof.)

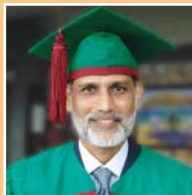
BE, (Computer System), NEDUET

Profile

Mr. Kamran Ali Khan has a vast experience in the field of Digital Systems' Design, Computer Architecture and Computer Networks. He has been into academics for the last 18 years and had extensively contributed in teaching and curriculum design of engineering courses. Mr. Khan is also engaged with Pakistan's Electronic Media in the capacities of researcher and anchor person. Before joining PAF-KIET he has served in FAST – NUCES, Bahria University and Caltex Oil, Pak, Ltd

Research Interest

Embedded Systems



Engr. Muhammad Ejaz Tayab
(Asstt. Prof.)

MS, (Electrical Engineering), WMU
BE, (Computer Systems Engg), NEDUET

Profile

Mr. Tayab has more than 20 years of combined industrial and teaching experience. He is pioneer in bringing AutoIDs and last-mile Supply Chain IT in Pakistan in 1998. Before joining PAF-KIET, he has served Autobar as CTO and CEO. He is a member of MS/PhD research committee at SZABIST.

Research Interest

RFID, IoT, Supply Chain IT and Mobility

Permanent Faculty (Electrical)



**Engr. Sajjad Hussain
(Asstt. Prof.)**
MBA, AIOU
MSc, Electrical Engg, NEDUET
BE, Electrical Engg, NEDUET

Profile

Mr. Sajjad Hussain did his BE & MS in Electrical Engineering from NED University and Project Management from McGill University, Montreal, Canada. He has over 15 years professional experience with renowned organizations like K-Electric, Siemens Pakistan and DHA Cogen Ltd.

He had been associated as Visiting Faculty with higher education institutes since 2004 with NED University, Institute of Business Management (CBM), ZABIST, BIZTEK prior to joining PAF KIET as a full time Faculty member in 2012.

Research Interest
Project Management
and Professional Ethics



**Engr. Saqib Riaz
(Asstt. Prof.)**
MSc Computer Control & Automation,
NTU, Singapore
BE Electronics, NEDUET

Profile

Mr. Saqib Riaz is currently working as an Assistant Professor in College of Engineering (CoE), PAF-KIET. He received his B.E. (Electronic Engineering) degree from NED University of Engineering and Technology, Pakistan and his M.Sc. (Computer Control & Automation) from Nanyang Technological University, Singapore. He has vast industrial exposure and has extensive experience in carrying out R&D activities in diverse working environments in USA, UK, Singapore and Pakistan, in renowned organizations like NESCOM, Halliburton, D'Crypt Pvt Ltd and Waters Corporation.

Research Interest
System Design using
FPGA's and
MCU/MPU/MPSoC,
High-Performance
Hardware Architectures,
Intelligent Embedded
Computing Systems,
Real-Time Systems



**Engr. Shoaib Idrees
(Asstt. Prof.)**
Ph.D. (In-Progress)
ME, (Industrial Control &
Automation), HU
BE, (Electronics), Dawood College of
Engineering

Profile

Mr. Shoaib Idrees has seven years of university level teaching experience. His expertise is in fields of Control Engineering, Power Electronics, Instrumentation and Electrical Machines. Before joining PAF-KIET he served in Bahria University and Indus Institute of Higher Education.

Research Interest
Power Electronics

Permanent Faculty (Electrical)



**Engr. Mustafa Asgar Ali
(Asstt. Prof.)**
MS, (Electrical), MSU, USA
BE (Electrical), Dawood College of
Engineering

Profile

Mr. Mustafa Asgar Ali has vast experience in Communication Industries and has designed several projects related to Electronic Communication Systems. He has served as Assistant Professor in NED University and NUST and has developed expertise in teaching in modern Communication subjects.

Research Interest
Micro strip Circuit
Design



**Engr. Saba Javed
(Asstt. Prof.)**
PhD (In-Progress), PAF-KIET
MS, (Electronics), PAF-KIET
BE (Industrial Engg), IIEE

Profile

Ms. Saba Javed is an Industrial Electronics Engineer with specialization in Automation and Control. She did her Masters from PAF-KIET. She is still serving as an External Examiner at IIEE

Research Interest
Applied Powers and
Controls



**Engr. Mohammad Abbas
(Asstt. Prof.)**
PhD [In progress], Electronic
Engineering, NED
M.E Telecommunications, NED
B.E Telecommunications NED

Profile

Engineer Abbas is a Seasoned telecommunications engineer having a very valuable exposure to diversified dimensions of the technology. He Possesses comprehensive experience particularly in the domains of the GSM Mobile Communications [Radio Access Network], Satellite Communications [VSATs], Microwave networks [DSSS and FHSS based nodes: Point to Point, Point to Multi-Point and Mesh networks] and Wimax Networks. He is very well versed with both the matrix and vertical style hierarchies and has exhibited strong dynamism both at team and independent assignments. He has successfully been leading and managing cross-functional, multi-cultural and pan-continental teams during his illustrious career .He possesses multi-vendor skills and is a very quick learner. He has had the fine honor to serve on the faculty of two reputable technical universities besides the industry exposure of grooming /counselling young engineers in industry.

Research Interest
Applied Powers and
Controls

Permanent Faculty (Electrical)



**Engr. Syed Safi Uddin Qadri
(Asstt. Prof.)**

PhD (Electronics) In Progress, PAF-KIET
ME (Telecommunications Engineering), HU
BE (Telecommunications Engineering), HU

Profile

Mr. Syed Safi Uddin Qadri is working as a Lecturer at College of Engineering, PAF-KIET. Before joining PAF-KIET, he served as a Lecturer and before as a Lab Engineer at Hamdard University Karachi. He has more than three years of teaching experience. He is also doing PhD in (Electronics) from PAF-KIET.

Research Interest

Communications, Signal Processing, Image Processing and FPGA-based System design.



**Engr. Muhammad Arif
(Asstt. Prof.)**

PhD (Telecom), PAF KIET, (In-Progress)
M.S (Telecom), IU
M.Sc. (Physics), FUUAST

Profile

Muhammad Arif has over 8 years experience in academics. Currently he is pursuing his Ph.D in Telecommunication from PAF KIET University Pakistan and serves Electrical Engineering Department as Lecturer at the same university. He is also associated with the Centre of Excellence in Intelligent Engineering Systems (CEIES), King Abdul-Aziz University, Saudi Arabia. He has two publications in international journals and several papers are in review and in process.

Research Interest

Adaptive filters, Adaptive audio processing, Machine learning for signal processing and Image processing.



**Engr. Faizan Jawaid
(Lecturer)**

Ph.D (In-Progress)
MS (Electronics), PAF-KIET
BE (Electronics), PAF-KIET

Profile

Mr. Faizan Jawaid is working as lecturer at College of Engineering, PAF- KIET. Before joining PAF-KIET, he served as Junior Engineer – Electrical & Instrumentation in Pharmatec Pakistan Pvt Ltd. He has also been engaged in various industrial automation projects as consultant design engineer. He is also the Patron of KIET Robotics Club at College of Engineering, PAF-KIET.

Research Interest

MPPT of Solar PV Systems, Robotics & Industrial Automation

Permanent Faculty (Electrical)



**Engr. Muhammad Aatif
Shahbaz (Lecturer)**

ME, (Computer Architecture & System Design), (In-Progress)
BE (Computer Information System), NEDUET

Profile

Mr. Aatif Shahbaz has started his career as a software developer at Master-key System. Later he joined PAF-KIET to pursue his R&D interests and still serving in the field of academia.

Research Interest

Digital Logic Designing,
System Programming,
Operating Systems



**Engr. Kanwal Fatima
(Lecturer)**

ME (Industrial Electronics), NED UET
BE (Industrial Electronics), NED UET

Profile

Ms. Kanwal Fatima is an Industrial Electronics Engineer graduated from Institute of Industrial Electronics Engineering. She got her Master's degree from NED University. Before joining PAF-KIET she worked at Saltec Powerlink as a Technical Service Engineer where she extensively worked on Electronics and Control Based Design Systems.

Research Interest

Control Systems,
Robotics, Power
Electronics



**Engr. Muhammad Farrukh
(Lecturer)**

M.E (CSN), Mehran UET
B.E (Telecomm), Mehran UET

Profile

Muhammad Farrukh has teaching experience of more than two years and research experience of three years. He is currently serving as a Lecturer in the College of Engineering. He has supervised eight under graduate projects. He is PAF-IEEE Student Branch Counselor.

Research Interest

Software Defined
Radios, Cognitive Radio,
Spectrum agile
modulation techniques,
Reconfigurable
antennas, Antenna
Designing for 5G mobile
communication

Permanent Faculty (Electrical)



Engr. Syed Muhammad Ali Asghar (Lecturer)
MS (Electronics), PAF-KIET
BE (Industrial Electronics), IIEE

Profile

Ali Asghar is a Lecturer at PAF-KIET. He received his BE degree in Industrial Electronics from IIEE, and an MS degree in Electronics with specialization in embedded systems from PAF-KIET.

Research Interest

FPGA CAD Tools & Analog Design



Engr. Benazeer Bhellar (Lecturer)
MSc RF & Microwave Engineering, NUST, Islamabad
B.Sc Telecommunication Engineering, NUCES, FAST

Profile

Miss Benazeer is currently working as a Lecturer in College of Engineering (CoE) PAF-KIET. She has done her MSc from National University of Science & Technology (NUST) with a journal paper publication in well renowned journal of IET Microwaves Antenna & Propagation. She was awarded the fully funded scholarship by ICT and R&D to avail BSc (Telecommunication Engineering) in NUCES-FAST. She has worked as a graduate researcher in NUST and as a Lab Engineer in NUCES-FAST. She also possesses industrial experience in Microwave Planning department of Zhongxing Telecom Pakistan (ZTE).

Research Interest

Reconfigurable Architectures, FPGA-based Systems design, Face Recognition System and Machine Learning



Engr. Naveed (Lecturer)
M.S (Electronics)(In progress), PAF-KIET
BE (Industrial Electronics), IIEE(NED UET)

Profile

Mr. Naveed is an Industrial Electronics Engineer. His masters is in progress from PAF-KIET.

Research Interest

Applied Control, IC design

Permanent Faculty (Electrical)



**Engr. Waqar Ahmed
(Lecturer)**

MS (Electronics), PAF-KIET
BE, (Electronics), PAF-KIET

Profile

Mr. Waqar Ahmed is Lecturer and Research Assistant at PAF-KIET. He holds a BE in Electronics with specialization in Avionics and MS in Electronics from PAF-KIET. Before joining PAF-KIET he worked at City Scale & Equipment and Universal UPS as technical support officer.

He has extensively contributed in development and improvement of Electronics Laboratory Experiments. Having enormous experience in design & development of digital system design, he has made significant contribution in two ICTR&D funded research projects.

Research Interest

Reconfigurable Architectures, FPGA-based Systems design, Face Recognition System and Machine Learning



**Engr. Asma Mahar
(Lecturer)**

MS (Electronics) (In Progress),
PAFKIET
BE (Electronics), NEDUET

Profile

Ms. Asma Mahar is working as a Lecturer at College of Engineering, PAF-KIET, Karachi. She received her B.E. Electronics from NED University of engineering and technology. Currently she is doing her Masters from PAF-KIET and is involved in research with EDCAS research group.

Research Interest

Microelectronics (wireless power transfer, Backscattering communication, EM Simulations, low power OTA design for readout circuits) and signal processing



**Engr. Ayesha Hassan
(Lecturer)**

MS (Electronics), PAFKIET
BE (Electronics), NEDUET

Profile

Ayesha Hassan received her Bachelor's in Electronic Engineering from NEDUET in 2014; and Master's Degree from PAFKIET in 2017. She has been working as Research Assistant for EDCAS Research Group at PAFKIET. She is associated with PAFKIET since Oct, 2015 and is currently performing as a Lecturer.

Research Interest

Analog and Digital IC design, Wireless Power Transfer, CMOS MEMS Readout

Permanent Faculty (Mechatronics)



Engr. Dr. Muhammad Bilal Kadri
(Assoc. Prof.)

HoD Mechatronics Engineering
DPhil (PhD), Engg. Science, Oxford, UK
BS, (Computer System Engineering), GIKI

Profile

Dr. Muhammad Bilal Kadri completed his DPhil from University of Oxford, UK in 2009. His research area is Neuro-Fuzzy Control. The title of his DPhil thesis was "Disturbance Rejection in Information Poor systems using Model Free Neuro-Fuzzy Control". He worked under the supervision of Professor Arthur L. Dexter. He was a member of Lincoln College, University of Oxford. Dr. Kadri earned his BS in Computer System Engineering from Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Pakistan in May 2002. He served as an Assistant Professor from October 2009 to August 2014 in the Department of Electronics & Power Engineering at PN Engineering College which is a constituent unit of National University of Science & Technology (NUST), Pakistan. Currently he is working as an Associate Professor in the College of Engineering at PAF-Karachi Institute of Economics and Technology (PAF-KIET), Karachi, Pakistan.

Research Interest

Control Engineering,
System Identification,
Optimization and
Robotics



Engr. Dr. Muzaffar Mahmood
(Assoc. Prof.)

PhD (AE), CIT, UK
M.Sc (AE), CIT, UK
BE (Mechanical Engg.), NED

Profile

Dr Muzaffar Mahmood has over 30 years experience in academics and industry. He retired as a Pro-Vice Chancellor and Professor from NED University of Engineering and Technology, Karachi. During his service, besides teaching and research he was responsible for the developmental work at the University, especially establishing new departments, notably Textile, Biomedical and Marine. He has supervised four PhD projects and has over 18 research publications.

Research Interest

Applied Energy, Power
Plants and Applied
Statistics



Dr. Adil Loya
(Asstt. Prof.)

PhD, (Mechanical and materials Engg.),
University of Hertfordshire
BE, (Aerospace Engineering),
University of Hertfordshire.

Profile

Dr. Adil has done his PhD from University of Hertfordshire, UK and is associated with PAF-KIET since 2016. He is also working as Assistant professor. He has authored and Co-authored 7 publications in high impact journals, and 3 papers in international conferences.

Research Interest

Molecular dynamics,
Aerospace design and
analysis & Automotive
design and analysis

Permanent Faculty (Mechatronics)



Engr. Muhammad Tauseef Nasir (Lecturer)

Master of Science (Mechanical Engg., Energy System Design Division), Pusan National University, South Korea
Bachelor of Science, (Mechanical Engg.), GIKI.

Profile

Mr. Nasir has done his MS from Pusan National University, South Korea. Prior to his appointment as a Lecturer in the PAF-KIET, he has a year of on job training experience in the Attock Gen Limited (AGL), Rawalpindi, and has also served as a Teaching Assistant/Lab Engineer in GIKI. He has authored and Co-authored 01 publications in high impact journal, and 03 papers in international conferences.

Research Interest

Thermal Systems & Multi Objective Optimization



Engr. Muhammad Saleheen Aftab (Lecturer)

MSc, (Electronic Instrumentation & Control Systems), SQU
BE, (Electronic Engineering), NEDUET.

Profile

Muhammad Saleheen Aftab has pursued MSc in Electrical Engineering from Sultan Qaboos University, Muscat, Oman. Prior to joining PAF-KIET, he served as Trainee Engineer in KESC and as Assistant Manager in Satellite Research & Development Centre, SUPARCO. He has also worked as Research Assistant in TRC funded projects in SQU, Oman.

Research Interest

Intelligent Control Systems, Nonlinear Systems Analysis, System Identification, Modelling & Optimization



Engr. Mohammad Noaman Masoud (Lecturer)

PhD (In-Progress), PAF-KIET
MS (Electronics), NEDUET
PgD, (Mechatronics), Staffordshire University
BE, (Electronics), UIT

Profile

Mr. Masoud graduated in Electronics Engineering from Usman Institute of Technology Hamdard University in 2006. He has a valuable industrial experience from various process industries and has provided engineering services as a system integrator. His particular expertise is designing PLC and microcontroller based control systems for plastic packaging machines. He holds a PgD in Mechatronics from Staffordshire University UK and currently pursuing a Master's degree from NED University.

Research Interest

Human Machine Interfaces, Mixed Signal Design, Sensor Interface Design, Embedded System, Analog Electronics



Engr. Muhammad Duraid (Lecturer)

ME (Mechanical Design), NEDUET
BE (Industrial & Manufacturing), NEDUET

Profile

Mr. Duraid is currently working as lecturer in College of Engineering (CoE), PAF-KIET. He received his B.E. (Industrial & Manufacturing) degree from NEDUET and M.E. (Mechanical Design) degree from NEDUET, Pakistan. He is competent in design and manufacturing technology. Currently teaching Manufacturing technology and workshop. Moreover, he is research oriented towards computer aided design and manufacturing. Currently, he is working on research papers and projects related with designing of aerovehicle parts.

Research Interest

Working on research papers and projects related with designing of aerovehicle parts. Quality assurance of parts, Mechanical components in robotics

Permanent Faculty (Avionics)



**Dr. Syed Arsalan Jawed
(Assoc. Prof.)**

HoD Avionics Engineering
PhD, (Computer Science & Micro-Electronics), FBK&UOT
MS, (System-on-Chip), LU Sweden
BE, NEDUET

Profile

Dr. Arsalan is associated with PAF-KIET since 15-Jan-2014 and currently performing as Head of Avionics Engineering Department. He has more than 12 years of industrial and research experience. He has worked in various renowned organizations such as ST Microelectronics, Analog Devices, NESCOM and Open-Silicon. His 5 research papers have been published in reputed journals and 15 papers have been presented in International Conferences. He is also actively engaged in collaborated research with King Abdul Aziz City of Science and Technology, Saudi Arabia through WAFERCAT initiative (2001-2003).

Research Interest

Sensor Readout
Integrated Circuit Design,
High speed IO Design for
Wired Communication,
Multispectral Imaging
Integrated Circuit Front-
end Design, Data-
Converters, Low- Power
and Low-noise
Preamplifiers



**Engr. Muhammad Anwar
Pasha (Assoc. Prof.)**

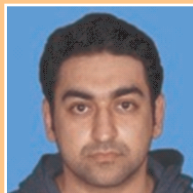
MS, Elect. Engg, AFIT, USA
BE, (Avionics), PAF CAE

Profile

Mr. Anwar Pasha has a vast experience in the field of Avionic Engineering. He is one of the pioneer Avionic Engineers in Pakistan and has worked at College of Aeronautical Engineering of Pakistan Air Force where he extensively worked on Curriculum Development and Improvement of Avionics Engineering. Before joining PAF-KIET he has served as the principal of Institute of Industrial Electronics Engineering.

Research Interest

Machine Interface with
special applications to
Pilot Aircraft
Interaction and Flight
Control Applications



**Engr. Dr. Najam
Muhammad Amin
(Asstt. Prof.)**

PhD Circuits & Systems, Southeast
University, China
M.Sc. Communication Technology,
University of Ulm, Germany
B.Sc. Electronic Engineering, SSUET

Profile

Dr. Najam is currently working as an Assistant Professor in the College of Engineering (CoE) PAF-KIET. At the same time he is also working as a postdoctoral researcher in the National Mobile Communications Research Lab. of Southeast University (SEU), Nanjing, China. He was awarded a fully funded scholarship by the Chinese Government for his PhD studies. He has recently acquired an innovative talent fund from SEU (China), worth RMB 10,000 for his postdoctoral project namely "An In-Band Full-Duplex Transceiver Front-End for 5G Cellular". Dr. Najam has authored and coauthored 10 research papers in high impact factor journals and international conferences until now. He has also worked in leading telecom companies such as Nokia and Nokia Siemens Networks in Germany.

Research Interest

Circuits and Systems,
Radio Frequency
Integrated Circuit
(RFIC) design for
wireless applications,
Modeling transmission
lines and other
passives for Millimeter-
wave (MMW)
applications.

Permanent Faculty (Avionics)



**Engr. Syed Najeeb Haider Jafri
(Asstt. Prof.)**

BE Avionics, CAE
MBA Marketing
B.Sc Defense & Strategic Studies (Air War
College)

Profile

Syed Najeeb Haider Jafri is associated with PAF-KIET since 22-Sep-2008 and is performing as Director College of Engineering since 2014. Mr. Jafri has served Pakistan Air Force for 31 years. He is an Avionics Engineer and has an extensive experience of Aircraft and Radar System Engineering. He has also received degree in Strategic Studies and Human Resource Management. He spearheaded the manufacturing of Pakistan's first Airborne Radar at PAC Kamra.

Research Interest

Avionics, AI, Image Processing, Virtual Retina Display and Direct Voice Input



**Engr. Muhammad Mazher
Iqbal (Asstt. Prof.)**

PhD (In-Progress)
MS Telecom & Networking (Bahria
University)
BE Ind. Electronics (NEDUET)

Profile

Mr. M. Mazher Iqbal completed his MS degree in 2009. He has about 6 years of teaching and industry experience in different Engineering universities of Pakistan. Currently he is doing his PhD from PAF-KIET.

Research Interest

Embedded Systems, Wireless Networks, Computer Vision



**Engr. Syed Mujahid Ali
(Asstt. Prof.)**

MPhil, Physics, UoK
MS, (Applied Mathematics), UoK


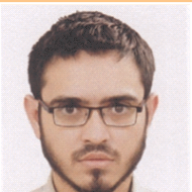


Profile

Syed Mujahid Ali is a passionate physicist. He has a firm background in mathematics that has sharpened his analytical skills. His teaching has two main features, strong grip on physics and his interdisciplinary approach towards it. His innovative ideas inspire students. Before joining PAF-KIET he has served as a faculty member of Institute of Industrial Electronics Engineering. He is currently involved in research in theoretical mesoscopic physics.

Research Interest

Open quantum systems, quantum optics, quantum-classical transition, quantum optomechanics and foundational issues of quantum mechanics

Permanent Faculty (Avionics)

 <p>Engr. Rehan Rasheed Khan (Lecturer) MS (Aerospace), IST BE (Electronics), PAF-KIET</p>	<p>Profile Mr. Rehan Rasheed Khan is Lecturer at PAF-KIET. He holds a BE in Electronics with specialization in Avionics and MS in Aerospace with specialization in guidance, navigation and control from IST.</p>	<p>Research Interest Control algorithm, design of special purpose system dynamics, optimization, and 2D and 3D simulation over MATLAB and simulink</p>
 <p>Engr. Yasir Mehmood Siddiqui (Lecturer) MS (Electronics), PAF-KIET BE (Electronics), NEDUET</p>	<p>Profile Mr. Yasir Mehmood received his Bachelors of Engineering in Electronics Engineering from NEDUET, Karachi. He received MS in Electronics Engineering from PAF-KIET, Karachi. Before doing MS, he worked at Digitek Engineering, Karachi, Monolithic Solutions, Inc, Karachi and at Intel Corporation, Malaysia. He is associated with PAF-KIET since 2017. His current research interests include design of analog and mixed signal circuits for CMOS ICs.</p>	<p>Research Interest Design of Analog and Mixed Circuits for CMOS ICs</p>
 <p>Engr. Syed Muhammad Hassan Naqi (Lecturer) M.E (Telecommunications), NED B.E (Avionics), PAF – KIET</p>	<p>Profile Mr. Hassan Naqvi is working as lecturer at College of Engineering, PAF – KIET. Before joining PAF – KIET, he served for a year as NOC (Network Operations Center) Engineer in Comstar ISA and VSATs. He has teaching experience of three and half years.</p>	<p>Research Interest Communications, Software Defined Radio. Reconfigurable Antennas, Cognitive Radio, Spectrum Management</p>
 <p>Engr. Kamran Maqsood (Lecturer) MSc Engg. (Advance Electronics & Control System), UCET,IUB BSc. Engg. (Electronics), UCET,IUB</p>	<p>Profile Mr. Kamran Maqsood received his Bachelors of Engineering in Electronics Engineering from UCET, IUB, Bahawalpur. He received his MS in Advance Electronics & Control System Engineering from UCET, IUB, Bahawalpur. Before PAF-KIET he worked at NCBA&E (Bahawalpur) and Preston Institute of Management and Technology (Karachi) as Lecturer. His teaching experience is four years as Lecturer. His current research interests includes Robotics, Control System Navigations and Control Techniques.</p>	<p>Research Interest Robotics, Control System Navigations, Control Techniques and Power Converters</p>

Lab Engineers



Engr. Abdul Khaliq
Graduate Teaching Fellow
 MS Electronics (In progress), PAF-KIET
 BS Electrical Engineering
 COMSATS Institute of Information
 Technology, Lahore



Engr. Hafiz Danyal Hussain
Lab Engineer
 MS (Electronics) (In-Progress), PAF-KIET
 BE (Electronics), PAF-KIET



Engr. Ashar Ali Qureshi
Lab Engineer
 BE (Electronics), PAF-KIET



Engr. Muhammad Zeeshan Nazar
Lab Engineer
 BE (Electronics), PAF-KIET



**Engr. Syed Hassan Mansoor
 Hashmi**
Lab Engineer
 BE (Electronics), PAF-KIET



Engr. Muhammad Noman Ashraf
Lab Engineer
 BE (Electronics), PAF-KIET

Lab Engineers



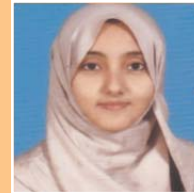
Engr. Ariba Andleeb Siddiqui
Lab Engineer
MS (Industrial Electronics) (In-Progress),
NEDUET
BE (Electronics), NEDUET



Engr. Shazia Ahmed Khan
Lab Engineer
MS (Computer Network) (In-Progress),
NEDUET
BE (Computer Information Systems),
NEDUET



Engr. Tooba Sheikh
Lab Engineer
MS (Computer Network) (In-Progress),
NEDUET
BE (Computer Information Systems),
NEDUET



Engr. Noor Ul Ain
Lab Engineer
MS (Electronics) (In-Progress), PAF-KIET
BE (Electronics), PAF-KIET



Engr. Alishba Sadiq
Lab Engineer
MS (Electronics) (In-Progress), PAF-KIET
BE (Electronics), PAF-KIET



Engr. Syeda Nashra Raza
Lab Engineer
MS (Control Systems) (In-Progress),
NUST
BE (Electronics), PAF-KIET

Lab Engineers



Engr. Marium Ashraf
Lab Engineer

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