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Dr. Md. Fayyaz Khan

Professor, Dept. of EEE

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Academic

Degree	Dept. and Institution	Year	Research Field / Major
Ph.D. in EEE	Department of EEE, BUET.	2008	Major Field: Electrical Drives.Enhancement of Starting Performance of an Induction motor by Improving Rotor Design.
M.Sc. in EEE	Dept. of EEE, BUET	1977	Attaining Optimum response for a servo system through Z-transformation.
B.Sc. in EEE	Dept. of EEE, BUET	1974	Design of Rural Substation for Irrigation of Arable lands
H.S.C.	Dhaka College, Dhaka	1968	Science
S.S.C.	Govt. Laboratory High School, Dhaka	1966	Science
### Employment			
Position	Organization	Duration	Duties
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Vice Chancellor	Bangladesh University of Business and Technology [BUBT]	July 2020 to June 30, 2024	Mostly involved in administrative work and designing of policies for the university, Optimization & Synchronization of activities of different sections, establishing co-operation between different foreign universities, Enhancing research activities at BUBT
Pro Vice Chancellor	Green University OF Bangladesh (GUB)	March, 2017 to August 2019	Involved with the day to day activities of the University, Establishing policies, Rules & Regulations.

Professor	Dept. of Electrical & Electronic Engineering (EEE), Bangladesh University Of Business & Technology [BUBT]	September 2019 to June 2020	Teaching, mentoring, supervising, research, curriculum design, industrial collaboration, quality assurance etc.
Professor & Head	Dept. of Electrical & Electronic Engineering (EEE), United International University (UIU), Dhaka	September 2008 to July, 2019	Responsible for overall development and activities of EEE Department and also involved in Teaching, mentoring, supervising, research, curriculum designing, industrial collaborating
Professor & Head	Dept. of Electrical & Electronic Engineering (EEE) and Computer Science & Engineering (CSE) The University OF Asis Pacific (UAP)	June 2003 to August 2008	Responsible for overall development and activities of EEE Department and also involved in Teaching, mentoring, supervising, research, curriculum designing, industrial collaborating etc.
Associate Professor, Department of EEE	Islamic University Of Technology (IUT), Gazipur, Dhaka	Aug. 1999 to July. 2003	Teaching, mentoring, supervising, research, curriculum design, industrial collaboration, quality assurance etc..
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Associate Professor & Head	Department OF EEE Ahsanullah University OF Science & Technology (AUST)	August 1996 to July 1999.	Supervision OF department activities. Teaching, mentoring, supervising, research, curriculum design, industrial collaboration, quality assurance etc..
Assistant Professor	University OF Bahrain, Bahrain	December 1990 Jul. 1996	Teaching, mentoring, supervising, research, curriculum design, industrial collaboration, quality assurance etc.
Head OF Electrical Section	Ministry OF Water & Agriculture, Jeddah, Saudi Arabia	August 1981 to September, 1990	Responsible for operation and maintenance of all electrical & electronic equipment like transformers, high voltage switchgears, generators, all types of measuring and dosing equipment etc. Supervised the installation and commissioning work of YIT Finland, Sogreah of France, Enka of Turkey and other local and Gulf contractors in the Jeddah Water Works Expansion Projects, Govt. of Saudi Arabia. Responsible for selection, approval and installation of different equipment for instrumentation and control as well as power equipment.
Engineer, Electrical Transmission Network	Ministry OF Electricity & water, Govt. Of Kuwait, Kuwait	August 1977 to July 1981	Responsible for testing and commissioning of electrical substations up to 300 KV (SF6) built by different contractors like BBC (Germany), BBC (Sweden), Cogelex (France), Mitsubishi, Hitachi (Japan), Trans Elektro (Hungary) and other local contractors. Responsibilities included follow-up of installation work as per contract, complete testing of the sub-station installations including primary and secondary injections, HV tests, interlocks, inter-trips, supervisory control from the load dispatch center (LDC), distance protection, alarm transmission to the load

			center etc.
Lecturer/ Assistant Professor	EEE Department, BUET	April 1974 to July, 1977	Teaching different courses and conducted lab courses
### Additional Position and Activities			
Position	Institution	Year	Duties
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Member Board OF Trustees	University OF Science & Technology (USTC), Chittagong	2010 to 2017	Drafting policies and supervised overall academic activities of USTC
Member, Academic Council	Bangladesh Army University of Science & Technology (BAUST), Saidpur Cantonment, Saidpur	2014 to 2016	To suggest measures to strengthen academic activities and upgradation of syllabus.
Member High Powered Committee	Ministry OF Electricity, Govt. OF Bangladesh	2005	To study the acute Power crisis then existed in Bangladesh and recommend measures to reduce the power outages.
IQA Reviewer	University GrantCommission (UGC)	Since 2017	Engaged as a member of peer reviewer for Institutional Quality Assurance (IQA) listed by University Grant Commission (UGC).
Chairman, Academic & Syllabus Committees	Faculty of Engineering, UIU, AUST, UAP, GUB, AUST.	Since 1996	Managing all the exams in the faculty (Dept. of EEE, ETE, CE and TE) smoothly and efficiently.
Chairman, Sectoral Committee	Bangladesh Accreditation Council for Engineering & Technical Education (BAETE)	Sept 2017 â€”to Date	Critical review of all the accredited reports submitted by different visiting teams for EEE & ETE/ECE programs
### Consultancies			
Position/Aspects	Contribution		
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Independent Consultant IDCOL	Independent consultant appointed by IDCOL (Infrastructure Development CO., Bangladesh Ltd.) for establishment of Solar PV assembly plant in 5 different locations in Bangladesh (2010)		
Consultant for National Science Meuseum	Consultant for preparing technical specifications for different exhibits for the National Science Museum of Bangladesh (2010)		
Consultant, GIZ (German Technical Assistance)	Feasibility study for Solar PV- diesel Hybrid DC micro-grid for Nuner Tek and Shonatala Char area under German technical Assistance (GIZ), 2011-2012.		
	Design and implementation of solar PV-Diesel hybrid Micro-grid for rural		

Consultant, IDCOL	Bangladesh in 5 different off-grid areas of Bangladesh (still in progress), under Infrastructure Development Company Limited (IDCOL), Bangladesh, 2012-2013..		
Consultant, Bangladesh Clean Technology Company Ltd.	A feasibility study of the Solar PV based irrigation system in comparison with diesel based system for rural Bangladesh, Bangladesh Clean Technology Company Limited, 2012-2013.		
Consultancy under rant from EPSRC, UK(joint collaboration with UIU & Loughborough University, UK)	Obtained a grant from EPSRC, UK (Engineering & Physical Science Research Council) to set up four Nano-grids (two in Bangladesh and two in Kenya) under collaboration of Geography Department of Loughborough University, UK; United international University, Dhaka, Bangladesh; INTASAVE, Kenya and Grameen Shakti, Bangladesh. Was an active consultant in the team. (2013-2015)		
Consultant, DSPCL	Consultant for 1.80 MWp Grid Tied Solar PV Based Power Plant to be Installed by Dhaka South Power Company Ltd. (DSPCL): October, 2018. ..		
Consultant SPECTRA Solar Power	Consultant for 35 MWp Power Evacuation Project at Manikgonj to be implemented by SPECTRA SOLAR Power Ltd. December 2018.		
Team Member ADB Project	Team Member as Electricity Distribution Specialist in Asian Development Bank’s Project “Translating Electricity Supply into improvements of Rural Households” Project submitted by practical Action consulting, December 2018.		
### Professional Memberships			
Position	Institution		
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Member	Institution of Electrical and Electronics Engineer (IEEE)		
Fellow	Institution of Engineers, Bangladesh (IEB)		
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