




DEPARTMENT OF COMPUTER SYSTEMS ENGINEERING

a. Personal Information		
Name: Dr. Shahnawaz Talpur		
Father's Name: Mir Abdul Sattar Talpur		
1.	i. Field of Specialization: Computer Software Theory(High Performance Computing) ii. Research Interests: Computer Architecture, Big Data	
2.	Designation with Grade and department / institute: Associate Professor (BPS-20), Department of Computer Systems Engineering,, Mehran University of Engineering & Technology, Jamshoro.	3. Residential Address: A/58, Ghulam Shah Kalhora Colony Hyderabad
4.	Domicile: Tando Muhammad Khan/Hyderabad(R)	5. Date of Birth: 05.11.1977
6.	Religion: Islam	7. Gender: Male
8.	PEC / PCATP Registration No.: COMP/1545	9. Passport No.: AD 7730623
10.	Date of Joining of University: 04-01-2006	11. Status of PhD Supervision: (HEC Approved / HEC Registered)
12.	Tel.: Off.: 022-2772253(4211) Fax: Res.: 022-2106875 Cell: 0321-3008200	13. Email Address: Official: shahnawaz.talpur@faculty.muuet.edu.pk Personal: mirshan35@hotmail.com
14.	Marital Status: Married	15. CNIC No.: 41303-5808062-3

b. Education (Please start from Graduation Degree onwards)				
Date		Name & Address of Institution	Academic Degree / Diploma / Certificate Obtained	Subject / Field of Study
From	To			
1996	Year 2001	Mehran University of Engineering & Technology, Jamshoro	Bachelor of Engineering	Computer Systems
2003	Year 2005	Mehran University of Engineering & Technology, Jamshoro	Master of Engineering	Information Technology
2010	2014	Beijing Institute of Technology, China	PhD	Computer Architecture

(i). Academic Experience (Please start with the most recent experience)*				
Designation / Title	Date		Name of Organization where Working or Worked	Brief Job Description
	From	To		
ASSOCIATE PROFESSOR	Oct 2016	Up-To-Date	Department of Computer Systems Engineering, MUET, Jamshoro	Research & Teaching
ASSISTANT PROFESSOR	Oct 2009	Oct 2016	Department of Computer Systems Engineering, MUET, Jamshoro.	Research & Teaching
LECTURER	Jan. 2006	Oct. 2009	Department of Computer Systems Engineering, MUET, Jamshoro.	Teaching
IT Manager (I.T Incharge)	June 2005	Jan. 2006	Pinnacle Distilleries Pvt	Managing IT Dept, Network Administration
Franchise Manager	Jan,2005	June 2005	Warid Telecom Franchise	Administration and Customer care
Systems Engineer	Nov, 2003	Jan, 2005	Nordtec International	System Trouble shooting
I.T Incharge	Oct, 2001	Oct, 2003	Ali Associates	IT manager & Database Administration

* Please add extra rows, if more space is required.

c(ii). Administrative Experience (Please start with the most recent experience)*				
Designation / Title	Date		Name of Organization where Working or Worked	Brief Job Description
	From	To		
IT Manager (I.T Incharge)	June 2005	Jan. 2006	Pinnacle Distilleries Pvt, Matli, Dist. Badin	Managing IT Dept, Network Administration
Franchise Manager	Jan,2005	June 2005	Warid Telecom Franchise, Gul Center Hyderabad	Operational and office management

* Please add extra rows, if more space is required.

c(iii). Industrial / Field Experience (Please start with the most recent experience)*				
Designation / Title	Date		Name of Organization where Working or Worked	Brief Job Description
	From	To		
IT Manager (I.T Incharge)	June 2005	Jan. 2006	Pinnacle Distilleries Pvt, Matli, Dist. Badin	Intranet and Extranet Implementations of Computer network between the sites area and Head office

* Please add extra rows, if more space is required.

d. Other Activities		
Sr. No.	Description	Number
i.	Total Number of Research Papers Published in National Journals . Please give details in Table No. 1 on Page No. 4.	6
ii.	Total Number of Research Papers Published in International Journals . Please give details in Table No. 2 on Page No. 4.	9
iii.	Total Number of Research Papers Presented at Conferences in Pakistan . Please give details in Table No. 3 on Page No. 4.	1
iv.	Total Number of Research Papers Presented at Conferences outside Pakistan . Please give details in Table No. 4 on Page No. 4.	5

v.	Total Number of Conferences / Seminars / Symposia / Workshops attended in Pakistan . Please give details in Table No. 5 on Page No. 4.	9
vi.	Total Number of Conferences / Seminars / Symposia / Workshops attended outside Pakistan . Please give details in Table No. 6 on Page No. 4.	6
vii.	Total Number of National Proceedings . Please give details in Table No. 7 on Page No. 5.	-
viii.	Total Number of International Proceedings . Please give details in Table No. 8 on Page No. 5.	5
ix.	Total Number of National Research / Collaborative Research Grants / Projects Carried Out . Please give details in Table No. 9 on Page No. 5.	1
x.	Total Number of International Research / Collaborative Research Grants / Projects Carried Out . Please give details in Table No. 10 on Page No. 5.	-
xi.	Total Number of PHD / ME / MS / M.Phil. / Groups or Projects of Undergraduate Students Supervising and Supervised . Please give details in Table No. 11 on Page No. 5.	25
xii.	Total Number of Trainings / Courses (of Six months or more and not leading to a degree) Received in Pakistan . Please give details in Table No. 12 on Page No. 5.	-
xiii.	Total Number of Trainings / Courses (of Six months or more and not leading to a degree) Received outside Pakistan . Please give details in Table No. 13 on Page No. 6.	-
xiv.	Total Number of Books Written and Published by the Reputed Publishers (excluding Text Books up to Matric) . Please give details in Table No. 14 on Page No. 6.	-
xv.	Total Number of Books Reviewed (excluding Text Books up to Matric) . Please give details in Table No. 15 on Page No. 6.	-
xvi.	Total Number of Registered Patents Designs / Registered Formulae / Approved Varieties . Please give details in Table No. 16 on Page No. 6.	-
xvii.	Total Number of National Awards / Medals / Distinctions Received . Please give details in Table No. 17 on Page No. 6.	-
xviii.	Total Number of International Awards / Medals / Distinctions Received . Please give details in Table No. 18 on Page No. 6.	1
xix.	Total Number of Memberships of National Professional Bodies / Councils / Committees / Organizations . Please give details in Table No. 19 on Page No. 7	3
xx.	Total Number of Memberships of International Professional Bodies / Councils / Committees / Organizations . Please give details in Table No. 20 on Page No. 7.	1

* Please add extra rows, if more space is required.

e. Responsibilities in Government Policy making Committees / Councils*
Please describe your responsibilities in Government Policy Making Committees / Councils in the space given below:
Member DMRC & Board of Studies

* Please add extra rows, if more space is required.

Table No. 1**Detail of Research Papers Published in National Journals*:**

Sr. No.	Title of Research Paper	Date of Publication	Complete Name and Address of the Journal	HEC Category (W, X, Y, Z) / Impact Factor	Volume Number	Issue Number	Page(s) Number	
							From	To
1.	Design and Co-Simulation of Depth Estimation Using Simulink HDL Coder and Modelsim	2016	Mehran University Research Journal of Engineering & Technology	X	35	3	473	482
2.	Segmentation And Classification Of Calcification And Hemorrhage In The Brain Using Fuzzy C- Mean And Adaptive	2016	QUAID-E-AWAM UNIVERSITY RESEARCH JOURNAL OF ENGINEERING	Y	15	1		
3.	Mining Frequent Item Sets in Asynchronous Transactional Data Streams over Time Sensitive Sliding Windows Model	2016	Mehran University Research Journal of Engineering & Technology	X	35	4	0254	7821
4.	An Intelligent Service-Based Layered Architecture for eLearning and eAssessment	2017	Mehran University Research Journal of Engineering & Technology	X	36	1		
5.	Redundant Capability Analysis of input-series output-series Multi-modular DC-DC converter	2016	Sindh Univ. Res. Jour	X	48	3		
6.	Nonlinear Transient Characterization Of Third Order Voltage Switched Cp-Pll	2016	Sci.Int.(Lahore	Y	28	4		

* Please add extra rows, if more space is required.

Table No. 2**Detail of Research Papers Published in International Journals*:**

Sr. No.	Title of Research Paper	Date of Publication	Complete Name and Address of the Journal	Thomson ISI Indexed / Indexing / Abstracting Service / Impact Factor	Volume Number	Issue Number	Page(s) Number	
							From	To
1.	Achieving self-aware parallelism in stream programs	2015	Cluster Computing	SCI/1.51	18 (2)		949	962
2.	Evaluation of solar energy resources -----for a prospective location in southern region of Sindh, Pakistan	2015	International Journal of Electrical Power & Energy Systems	SCI/3.5	64		1073	1080
3.	Exploiting controlled-grained parallelism in message-driven stream programs	2014	The Journal of Supercomputing	SCI/0.917	10.1 007/ s112 27-		1	22
4.	Intra-Inter Triplet Object Interaction Mechanism in Triplet-Based Hierarchical Interconnection Network.	July 2013	TELKOMNIKA Indonesian Journal of Electrical Engineering	Ei, Compedex	11	7	3546	3551
5.	Research on Dependable Ionizing Radiation Protection based on Model i*	July 2013	TELKOMNIKA Indonesian Journal of Electrical Engineering	Ei, Compedex	11	7	3541	3545
6.	Modeling And Resolving Lock Contention for Multi-Threaded System	Dec 2011	ICIC Express Letters, Japan	Ei, Compedex	5	12	4473	4478
7.	Instruction Pipeline Efficient Mechanism with Maximum Hit Ratio	Nov 2013	TELKOMNIKA Indonesian Journal of Electrical Engineering	Ei, Compedex	11	11	6454	6459
8.	A Long-wire-connected and Multi-channel 3D Network-on-chip Design for Many-core System	Dec 2013	TELKOMNIKA Indonesian Journal of Electrical Engineering	Ei, Compedex	11	12	7081	7087
9.	Input-Current and Load Voltage Sharing in Input-Parallel Output-Series Connected Boost Half Bridge	2014	TELKOMNIKA Indonesian Journal of Electrical Engineering	Ei, Compedex	12	5	3705	3712

* Please add extra rows, if more space is required.

Table No. 3**Detail of Research Papers Presented at Conferences in Pakistan*:**

Sr. No.	Title of Research Paper	Title of Conference	Venue	Date of Conference	Duration
1.	Towards a Grid-based approach to Traffic Routing in VANET	e-Indus 2008 National Conference	IIEE Karachi	29 th April 2008	3

* Please add extra rows, if more space is required.

Table No. 4**Detail of Research Papers Presented at Conferences outside Pakistan*:**

Sr. No.	Title of Research Paper	Title of Conference	Venue and Host Country	Date of Conference	Duration
1.	Optimal pipeline performance measurement via Transactional slice with no branch prediction overhead	2014 UKSim	Cambridge University (Emmanuel College), UK	26 - 28 March 2014	3
2.	Communication Locality Analysis of Triplet-Based Hierarchical Interconnection Network in chip	NPC 2012	Gwangju, Korea	06-08 Sept. 2012	3
3.	Express Router Micro architecture for Triplet-based Hierarchical Interconnection Network	HPCC 2012, IEEE	Liverpool, United Kingdom	25-27, June 2013	3

* Please add extra rows, if more space is required.

Table No. 5**Details of Conferences / Seminars / Symposia / Workshops attended in Pakistan*:**

Sr. No.	Name of Event	Type of Event	Chief Guest / Guest Speaker	Organizing Agency	Venue	Date(s) of Event
1.	IBM Rational Quality Suite	Training	-	avanza	MUET	22-30 April 2010
2.	Workshop on Academic & Technical Writing Skills	Workshop	-	AL-BARR Academy	CS & SW dept.	2 nd May 2009
3.	Creating Social Semantics Web 2.0 Information Space	Workshop	-	IMTIC'08	MUET	12 th April 2008
4.	Wireless Sensor Networks: From Technology to Reality	Workshop	-	IMTIC'08	MUET	13 th April 2008
5.	Fiber Optics	Training	-	ComBit telecom	MUET	08-11 May 2008
6.	Staff Development Course	Workshop /Training	-	National Academy HEC	MUET	26 March-26 April 2007
7.	HEC-Digital Library Program	Workshop	-	HEC/MUET	MUET	12 th November 2007
8.	Advance Communication and study skills	Pilot Course	-	HEC	MUET	13-18 November 2006

9.	"21" All Pakistan Electrical & Electronics Engineers Students' Seminar	Seminar	-	Institute of Electrical & Electronics Engg.	MUET	21 st January
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* Please add extra rows, if more space is required.

Table No. 6

Details of Conferences / Seminars / Symposia / Workshops attended outside Pakistan*:

Sr. No.	Name of Event	Type of Event	Chief Guest / Guest Speaker	Organizing Agency	Venue and Country	Date(s) of Event
1.	PLDI + ECOOP 2012 Conference	Conference	-	ACM SIGPLAN	Beijing, China	11-16, June 2012
2.	Context-Oriented Programming COP'12	workshop	-	ACM SIGPLAN	Beijing, China	11 th June 2012
3.	LaME	workshop	-	ACM SIGPLAN	Beijing, China	13 th June 2012
4.	Evaluate	workshop	-	ACM SIGPLAN	Beijing, China	15 th June 2012
5.	Benchmarking and Performance Evaluation	workshop	-	ACM SIGPLAN	Beijing, China	16 th June 2012
6.	The 9th IFIP International Conference on Network and Parallel Computing	Conference	-	Seoul National University of Technology, Korea Mokwon University, Korea	Gwangju, Korea	06-08 Sept. 2012

* Please add extra rows, if more space is required.

Table No. 8

Detail of International Proceedings*:

Sr. No.	Title of Research Journal	Name and Address of Publisher	Year
1.	Network and Parallel Computing	LNCS Springer	2012

* Please add extra rows, if more space is required.

Table No. 11

Details of PHD / ME / MS / M.Phil. / Groups or Projects of Undergraduate Students Supervising & Supervised*:

Students Status	PhD Students		ME / MS Students		M.Phil. Students		Undergraduate Students			Total	
	M	F	M	F	M	F	No. Groups / Projects	M	F	M	F
Students Supervising		1	7	3			2	3	9		
Students Supervised and Awarded Degrees			3	1			12	60	40		

* Please attach a list of students being supervised and supervised and awarded degrees along their names, title of research, name of degree, name of institution, date of registration and date of completion.

Table No. 18

Details of International Awards / Medals / Distinctions Received*:

Sr. No.	Name of Faculty Member	Name of Award / Medal / Distinction	Name of Authority & Country Giving Award / Medal / Distinction	Date of Award / Medal / Distinction
1.	Talpur	CSC	Chinese Govt. Scholarship	2010

* Please add extra rows, if more space is required.

Table No. 19

Details of Memberships of National Professional Bodies / Councils / Committees / Organizations*:

Sr. No.	Name of Bodies / Councils / Committees / Organizations	Date and Duration of Membership
1.	Pakistan Engineering Council	2001-Life time

* Please add extra rows, if more space is required.

Table No. 20

Details of Memberships of International Professional Bodies / Councils / Committees / Organizations*:

Sr. No.	Name of Bodies / Councils / Committees / Organizations and Country	Membership Status	Date and Duration of Membership
1.	International Association of Engineers (IAENG), Hong Kong	Member	Oct 2011

* Please add extra rows, if more space is required.

Signature: _____

Date: 31.02.2017