

Short CV



GENERAL

- i. Dr. Rehan Tariq Chohan
- ii. Assistant Professor Information Technology, Kohsar University, Murree, Pakistan.

Web Link- Google Scholar: <https://scholar.google.com/citations?user=NhOqOYYAAAAJ&hl=en>

ORCID: Rehan Tariq (0000-0002-1157-3504) (orcid.org)

2. Professional Training/Education/Qualifications

Education/Training	Degree/Year/Specialization		
Institution & Location	Degree	Year(s)	Field
University of Wah, Wah Cantt	BS (HONS) CS	2009	Computer Science
COMSATS University Islamabad	MSCS	2013	Computer Science (Parallel and Distributed Computing)
University of Engineering and Technology, Taxila Pakistan	Ph.D.	2021	Computer Science (Network Optimization of Wireless Adhoc Networks, IoTs, IoVs, Smart Cities)

Employment

2010-2011	System Engineer (IT Hashoogroup International)
2012-2013	Jr. Lecturer, Department of Electrical Engineering Department, SCET affiliated UET Taxila.
2013-2021	Lecturer, Department of Computer Science, CU, Attock.
2021-2022	Lecturer, Department of Computer Science, CU, Wah.
2022-Present	Assistant Professor, Department of Computer Science, Kohsar University Murree.

RESEARCH Profile.	General Research Publications or Activity/Research & Out Reach Activity wrt Proposed Project			
	a.	International publication		7 research papers
Research supervision.				2013 till to date
	a.	Supervised	Ph.D.	1 Under Co-Supervision
			M.Phil./ MS	3
			M.Sc. or equivalent	>50
		PhD-International Students	Nil	
Research Funded Projects International National	Competed Ongoing Competed Ongoing	Applied of Research Grant NRPU.		
Ongoing Research Activity	Network Virtualization and Application control in Cloud Computing.			
Total Impact Factor publications		>7.5	H Index: 5 I-10 Index: 2 Citations (Google Scholar): >57 Impact factor ~7.5	
Previous Relevant Grants		Travelling grant from HEC to present the Research Paper IntelliSys 2018 London, UK.		
TEACHING PROFILE	<p style="text-align: center;">1. Graduate/Undergraduate Courses Taught:</p> <p>Advanced Computer Architecture, Advanced Operating Systems, Introduction to computer programming (C/C++), Object Oriented Programming (Java), Operating System, Software Engineering Concepts, Software Project Management, Computer Communication Networks, Routing and Switching, Management Information System</p>			

AWARDS & HONORS/ACHIEVEMENTS/AFFILIATIONS

1. Research Productivity Award 2018 COMSATS
2. Erusmundus Scholarship (PhD – Switzerland) (Not Persued)
3. Appreciation Letter on Project delivery from Hashoogroup Management
4. Appreciation Letter on the recommendation of UNDP from Hashoogroup
5. HCIA / Routing and Switching from Huawei

MEMBERSHIPS IN ACADEMIC SOCIETIES

1. Member Board of Studies University of Wah.
2. Member Asian council of Science Editors since 2021

ADMINISTRATIVE PROFILE

1.	AS Departmental Operating Officer	
	Managing Timetable and Resources	Coordination with University administration and Dean's office
	Assist HoD in smooth academic operations	Member campus academic review committee
	Preparing documents for accreditation of programs & Quality Assurance	Reviewing/Evaluation of Faculty Performance at the end of each term
	Taking steps to enhance Faculty productivity	
2.	AS Software Engineering Coordinator	
	Course offering to the students according to scheme of studies	Assisting HoD in planning academic activities
	Assisting HoD in process of Faculty Evaluations and Assessments	Managing Timetable and Resources

TEACHING PROFILE

Introduced Problem based learning strategies while teaching various Computing Courses. In addition, taught various courses such as

1.	Graduate Courses Taught	
	Advanced Computer Architecture	Advanced Operating Systems
2.	Undergraduate Courses Taught	
	Computer Programming C, C++, and Java	Management Information System
	Introduction to computer programming (C/C++) Object Oriented Programming (Java) Computer Communication Networks	Operating System Software Engineering Concepts Software Project Management Routing and Switching

RESEARCH PROFILE

Research Publications			
a.	International Publications		>7
b.	Impact Factor		~7.5
c.	Total Citations		>57
d.	H Index		5
e.	I-10 Index		>2
Research Supervision			2013 till to date
a.	Supervised	Ph.D.	1 Under Co-Supervision
		M.Phil./ MS	>3
		BS/M.Sc. or equivalent	>40

Research Grants AS PI

International		Nil
National		
1	HEC Research Travel Grant 2018	IGNITE Research Fund 2019

Research Publications:

1. *Directed acyclic graph based task scheduling algorithm for heterogeneous systems* **R Tariq**, F Aadil, MF Malik, S Ejaz, MU Khan, MF Khan *Proceedings of SAI Intelligent Systems Conference*, 936-947
2. *Adaptive node clustering technique for smart ocean under water sensor network (SOSNET)* MY Durrani, **R Tariq**, F Aadil, M Maqsood, Y Nam, K Muhammad *Sensors* 19 (5), 1145
3. *Parental prioritization-based task scheduling in heterogeneous systems* MS Arif, Z Iqbal, **R Tariq**, F Aadil, M Awais *Arabian Journal for Science and Engineering* 44 (4), 3943-3952
4. *An optimized and efficient routing protocol application for IoV* K Afzal, **R Tariq**, F Aadil, Z Iqbal, N Ali, M Sajid *Mathematical Problems in Engineering* 2021
5. *IMOC: Optimization technique for drone-assisted VANET (DAV) based on moth flame optimization* **R Tariq**, Z Iqbal, F Aadil *Wireless Communications and Mobile Computing* 2020
6. *A Review on Text Detection Techniques* S Ali, K Iqbal, S Khan, QZ Aqil, **R Tariq** *Jurnal Teknologi* 78 (4-3)