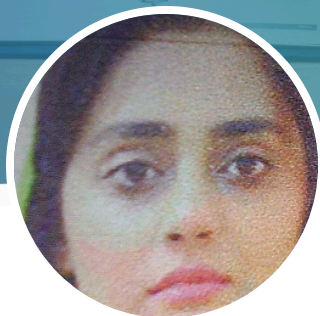





Profile will be available until 06 May 2026





**Date of birth:** 20/03/1993 | **Nationality:** Pakistani

[Hide contact details](#) ^

 **Work:** (+92) 3020234149

 **Email address:** nimra.g21679@iqra.edu.pk /  **Email address:**  
nimra.riaz@neduet.edu.pk

 **Other:** Iqra University , karachi, Pakistan  **Work:** NEDUET, Main University  
Road, Karachi, Sindh , 75270 (92-21) 99261261-8, 75270 Karachi, Pakistan, Pakistan

## SOCIAL AND POLITICAL ACTIVITIES

### Authored book , "Collected Works on Contemporary issues in Education-Advances and Flashback "

01/01/2018 – Current

Karachi, Pakistan

The book is available for purchasing valid from July, 2025 from the online bookstore  
[www.bookberry.pk](http://www.bookberry.pk)

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 [www.bookberry.pk](http://www.bookberry.pk)



book

## CO-EDITOR/ENTREPRENEUR EVERYDAY BRUNCH

<https://lectures360.wordpress.com>

30/04/2021 – Current

\*e-Education

\*Think Tank

\*Underprivileged areas

\*SDG-4/Capacity Building

\*Employing ICT in Education

\*Hybrid Learning

\*Primary/Secondary Classes

\*Cambridge Education

\*Production and Photography skills

<https://lectures360.wordpress.com>

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<https://www.facebook.com/lectures360/>

## WORK EXPERIENCE

## NEDUET

### Engineering lecturer

17/03/2023 – Current

\*Lecturer Electrical Engineering Department.

\*Lecturer of Power System Analysis and Circuit Analysis for Third year and First year students respectively.

\*Teach Basic of Electrical Engineering to first year students

\*Teach Power Generation to Final Year students

Iqra University

### Lab Engineer

01/03/2023 – 31/03/2023

\*Lab Engineer Electronics Department -Circuit Analysis and Basics of Electrical Engineering.

\*B.Ed. course teacher for Science/Mathematics pedagogies

## NED UNIVERISTY OF ENGINEERING AND TECHNOLOGY

 KARACHI, Pakistan

### Lecturer in Electrical Engineering Department


06/07/2016 – 30/03/2019

Designed lesson plan as per OBE system, Outcome Based Education OBE Team memeber ,Lab Workbooks Upgradation Head ,Final Year Projects FYP Supervisor, Student Councilor,Industrial Visits Organizer.

Courses taught: Feedback Control System, Machine Control System, Electrical Machines, Electrical Power Distribution Systems, Basic Electrical Engineering, Circuit Analysis.

Thesis Publication

Co-Authored Elsvier Journal Article

Hamdard University of Engineering and Technology |  Karachi, Pakistan

## Lecturer/Lab Engineer Electrical Engineering and Physics Department

29/02/2016 – 04/2016

Performed duties as Lab Engineer while at the same time served as Lecturer Physics to Undergraduate students of Engineering. Duties during probation included:

\*Delivering lectures

\*Maintaining / Improving Lab Manuals

\*Other Academic linked activities like attending seminars, conferences etc.

NINA industries |  Karachi, Pakistan

## Internship

31/05/2013 – 30/07/2013


Observing and learning major textile industry processes and equipments like electric motors, power generation system, switchgear and protection.

Meezan Bank |  Karachi, Pakistan

## Banking Service Officer Training

30/04/2013 – 06/2013

As a Training Associate /Apprenticeship that included training classes, seminars, interactive sessions and introduction to job ethics.

Private/Community School I and II |  Karachi, Pakistan

## Teacher 9th and 10th Grade Mathematics and Physics

09/11/2021 – 01/02/2022

\*Served as a teacher in couple of private schools in the city.

\*As a pre-requisite to B.Ed/M.Ed, a hybrid program, was stationed to various schools as a part of teaching practice/practicum for primary and secondary classes.

St. Peter's High School Grade 9th -10th Maths, Chemistry and Physics

**Teacher 9th -10th Maths, Chemistry and Physics** 01/01/2023 – 31/05/2023

\*Served as a teacher in couple of private schools in the city.

\*As a per-requisite to B.Ed/M.Ed, a hybrid program, was stationed to various schools as a part of teaching practice/practicum for primary and secondary classes.

IUSS Shahrah e Pakistan

**Teacher O level/A level Mathematics, Physics, Chemistry**

01/10/2021 – 31/12/2022

\*Served as a teacher in couple of private schools in the city.

\*As a per-requisite to B.Ed/M.Ed, a hybrid program, was stationed to various schools as a part of teaching practice/practicum for primary and secondary classes.

## EDUCATION AND TRAINING

**KIPS/Comex Academy**

01/01/2019 – Current

International Relations/Political Science |  Karachi, Pakistan, Pakistan

**Hide details** 

<https://kipsprep.com/>

Level in EQF: **EQF level 3**

**Iqra University Karachi**


31/07/2021 – 28/02/2023

B.Ed/M.Ed |  Main Campus, Karachi, Pakistan

Foundation of Education, Communication Skills, General Methods of Teaching, Test Development and Evaluation, Research Methods, Child/ Human Development and Learning, Academic Writing, Curriculum Development.

## NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY

31/05/2015 – 21/05/2018

Master of Engg /Electrical Power Systems |  KARACHI, Pakistan

## NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY

31/12/2010 – 30/12/2014

Bachelor of Engg /Electrical |  KARACHI, Pakistan

## St. Lawrence's Govt. Girls Degree College

31/12/2008 – 30/07/2010

Higher Secondary School Certificate /Pre-Engineering |  KARACHI, Pakistan

## Aga Khan School Garden

31/12/2006 – 30/12/2008

AGA KHAN UNIVERSITY EDUCATION BOARD Composite Exams

## LANGUAGE SKILLS

### Mother tongue(s)

urdu

### Other language(s)

	Listening	Reading	Spoken interaction	Spoken production	Writing
English	B2: Independent User	B2: Independent User	B2: Independent User	B2: Independent User	B2: Independent User

## SKILLS

Zoom | LinkedIn | Microsoft Office |  
 ETAP | Electrical Power System Analysis Software |  
 Power System Simulator for Engineering (PSSE) by Siemens | Code::Blocks |  
 Software LaTeX |  
 Numerical Modeling ( MODFLOW FEFLOW COMSOLMULTIPYSICS) |  
 Visual Studio Visual Basic | MSvisio | DIALux |  
 C++ Programming ,Pic Microcontroller Programming ,  
 Arduino,Multisim,Circuitmaker,Traxmaker .  
 Proteus, Multisim (Beginner) | Programming Languages: C, C++, Python, Matlab

## PUBLICATIONS

### **Placement and Sizing of Multiple Distributed Generation and Battery Swapping Stations using Grasshopper Optimizer Algorithm**

2018 | <https://www.sciencedirect.com/science/article/abs/pii/S0360544218318474> |  
<https://doi.org/10.1016/j.energy.2018.09.083>

Energy, impact factor 4.968, as co-author.

### **Analysis of Earthing System for One of the New Substations at NED University, Main Campus as per IEEE Std. 80-2000 and Finite Element Method**

2018 | Departmental Publication

### **Research Artciles written for various NGOs/other organizations**

2021 | <https://lectures360.wordpress.com/>

\_Author for various research articles written for e-education services provider and Think tank  
 ; Everyday Brunch ,can be accessed via :

Edition 1 :

<https://lectures360.wordpress.com/2022/10/28/everday-brunch/>

Edition 2 :

<https://lectures360.wordpress.com/2022/11/12/everyday-brunch-edition-2/>

Edition 3 :

<https://lectures360.wordpress.com/2023/04/08/everyday-brunch-edition-3/>

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 <https://lectures360.wordpress.com/2022/10/28/everday-brunch/>

 <https://lectures360.wordpress.com/2022/11/12/everyday-brunch-edition-2/>

 <https://lectures360.wordpress.com/2023/04/08/everyday-brunch-edition-3/>

## **21st Century Needs -Teaching Strategies for Value-added Critical thinking in Classroom Discussions**

2023 | <https://ice.edu.pk/international-conference-on-revolutionising-higher-education/> | Nimra Riaz Malik,Dr.Razia Fakir,ICRHE2023

## **TRENDS IN SUICIDE RATES IN PAKISTAN DURING COVID-19: THE UPFRONT ECONOMIC AND PSYCHOLOGICAL CHALLENGE AFFECTING EDUCATION SECTOR PASSIVELY**

2024 | <https://ijciss.org/index.php/ijciss/article/view/608> | Nimra Riaz Malik,Dr.Razia Fakir,ICRHE2023

## **Analysis of Earthing System for One of the New Substations at NED University, Main Campus as per IEEE Std. 80-2000 and Finite Element Method and AI Automation**

2024 | [https://ieec.neduet.edu.pk/ieec\\_drupal/IEEC\\_2024](https://ieec.neduet.edu.pk/ieec_drupal/IEEC_2024) | Nimra Riaz Malik, R.M. Larik

## **Predicting the Stability of Perovskites using new tolerance factor †**

2024 | [https://ieec.neduet.edu.pk/ieec\\_drupal/IEEC\\_2024](https://ieec.neduet.edu.pk/ieec_drupal/IEEC_2024) | Nimra Riaz Malik, R. M. Larik

## **CONFERENCES AND SEMINARS**

**How to write a Research Paper**

01/01/2016 – 08/01/2016

CCEE Centre NED UET

**Conference 1st IEEC on Innovation & Advances in Electrical Engg.**

12/05/2016 – 13/05/2016

IEP Karachi

**Conference 8th IEEE Fair**

30/06/2017 – 12/07/2017

Expo Centre Karachi

**Renewable Energy Design & Implementation**

08/12/2017 – 16/12/2017

Mohammad Ali Jinnah University Karachi

**Research Proposal & Research Paper Writing**

21/11/2017 – 22/11/2017

Dawood University of Engineering and Technology

**Establishment of Tech. Development Fund (TDF) for Academia and Industry joint venture to introduce new technologies in Pakistan**

05/07/2018 – 05/07/2018

NED UET

**ICRHE 2022 Educational Transformation: Transforming Lives**

25/11/2022 – 26/11/2022

Main Campus, Iqra University, Defense Karachi

<https://www.facebook.com/iqraugc/posts/iqra-university-department-of-education-is-organizing-an-international-conferenc/6114579605223700/>

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<https://www.facebook.com/iqraugc/posts/iqra-university-department-of-education-is-organizing-an-international-conferenc/6114579605223700/>

**ICRHE 2023 International Conference on Revolutionising Higher Education**

28/11/2023 – 29/11/2023

International Islamic University, Islamabad

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<https://ice.edu.pk/international-conference-on-revolutionising-higher-education/>

**Status of our Independence and Contemporary Challenges**

11/08/2023 – 11/08/2023

NEDUET

A brief overview of our Colonial History.

Colonial Legacy.

Education systems and contemporary challenges.

Concept of nation-state and contemporary challenges.

## **QECs Training on Quality Management System - A process-based and risk-based Assessment Approach**

03/08/2023 – 03/08/2023

NEDUET

ISO 9001-2015 Edition standardization.

SOPs, QSPs.

QMS system and protocols

## **9th IEEC 2024 International Electrical Engineering Conference NED University of Engineering & Technology, Karachi Friday 7th & Saturday 8th, June 2024**

06/06/2024 – 07/06/2024

Karachi

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[https://ieec.neduet.edu.pk/ieec\\_drupal/IEEC\\_2024](https://ieec.neduet.edu.pk/ieec_drupal/IEEC_2024)

## **1st Congress on Intl. Conference on Teacher Education for Sustainable Development**

28/02/2024 – 29/02/2024

Karachi

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<https://grc.smiu.edu.pk/ictesd/>

## **Women Conference NED 2024**

06/11/2024 – 07/11/2024

NEDUET

## **ICRHE 2024 International Conference on Revolutionising Higher Education : Moral Dimension of Education**

29/11/2024 – 30/11/2024

IU EDC Main Campus ,Karachi,Pakistan

## 10th IEEC 2025 International Electrical Engineering Conference

29/08/2025 – 30/11/2025

IEP and NEDUET Karachi

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[ieec.neduet.edu.pk/ieec\\_drupal/ieec2025](https://ieec.neduet.edu.pk/ieec_drupal/ieec2025)

## QECs training on Pedagogical Innovation and Active Learning

01/10/2025

Mechanical Smart Lab ,NEDUET

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[https://www.linkedin.com/posts/nimra-riaz-malik-477669306\\_successfully-completed-qecs-training-on-pedagogical-activity-7388478666713985024-47Tu/?utm\\_source=share&utm\\_medium=member\\_android&rcm=ACoAAE4NTVsBYglipJW\\_KSn7U9dCugqhbWG1uPo](https://www.linkedin.com/posts/nimra-riaz-malik-477669306_successfully-completed-qecs-training-on-pedagogical-activity-7388478666713985024-47Tu/?utm_source=share&utm_medium=member_android&rcm=ACoAAE4NTVsBYglipJW_KSn7U9dCugqhbWG1uPo)

## QECs Training on Internationalisation Approach in Higher Education and Academia and Assesment Methods in Higher Education

22/10/2025

Video Conferencing Hall,PE,NEDUET

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[https://www.linkedin.com/posts/nimra-riaz-malik-477669306\\_a-qecs-training-accomplished-successfully-activity-7392456100702478337-sC2m/?utm\\_source=share&utm\\_medium=member\\_android&rcm=ACoAAE4NTVsBYglipJW\\_KSn7U9dCugqhbWG1uPo](https://www.linkedin.com/posts/nimra-riaz-malik-477669306_a-qecs-training-accomplished-successfully-activity-7392456100702478337-sC2m/?utm_source=share&utm_medium=member_android&rcm=ACoAAE4NTVsBYglipJW_KSn7U9dCugqhbWG1uPo)

## NETWORKS AND MEMBERSHIPS

**IEEE**

31/10/2013 – Current

international

**Registered Engineer**

17/12/2015 – Current

PEC

## PROJECTS

**Teach for Change Program (SEF Funded Project )** 12/07/2023 – 18/11/2023

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 <https://www.sef.org.pk/>

### **Electrical Power System/Programming/Power system Protection/Designing/Distributed Gen/Renewables**

09/07/2016 – 30/03/2019

#### **Final Year Projects (FYPS) Supervised**

1. Office building lighting and electrical wiring design for Egret Consultants.
2. HVAC/MVAC earthing design on ETAP.
3. Real time fault detection and protection of induction motor using fuzzy logic
4. Lockout tag out protection system.
5. Design and Implementation of Photovoltaic (PV) Sinewave Pulse Width Modulation (SPWM) Inverter System With Maximum Power Point Tracking (MPPT)
6. Applying Adaptive Protection Scheme on Distribution Network With Distributed Generation.

#### **PROJECT EXHIBITION**

Conducted intradepartmental exhibition of variety of distribution system related projects given in EPDS as a supervisor to third year students, 2017

## RECOMMENDATIONS

**Dr.Imtiaz Arif** Professor

- I have know them for several years...
- She/he/they are wonderful in teaching and other collaborative activities.
- I strongly recommend her for the said vacancy.

[Hide details](#) ^

 (+92) 3218221688 |  [Imtiaz.Arif@iqra.edu.pk](mailto:Imtiaz.Arif@iqra.edu.pk)

**Dr.Razia Fakir** Professor

- I have know them for several years...
- She/he/they are wonderful in teaching and other collaborative activities.
- I strongly recommend her for the said vacancy.

**Hide details** ^ (+92) 3362559493 |  [razia.fakir@iqra.edu.pk](mailto:razia.fakir@iqra.edu.pk) **Back to top**[Report inappropriate content](#)