

PERSONAL INFORMATION

Dr. Rana Muhammad Saleem



📍 University of Agriculture Faisalabad Sub Campus Burewala

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🌐 <https://scholar.google.com.pk/citations?user=W8EwOHEAAAAJ&hl=en>

💬 Email / whatsapp / wechat

Sex Male | Date of birth 29/05/1985 | Nationality Pakistan

OBJECTIVE

To contribute effectively to higher education through quality teaching, impactful research, and active participation in academic and institutional development.

WORK EXPERIENCE

07-09-2023

Assistant Professor (Continue)

University of Agriculture Faisalabad(<https://web.uaf.edu.pk/>)

Administration Responsibilities

- In charge Computer Science Department at UAF Sub Campus Burewala
- In charge IT Section AT UAF Sub Campus Burewala
- In charge Website of UAF Sub Campus Burewala
- Member Purchase Committee of IT Equipments AT UAF Sub Campus Burewala
- Focal Person of Accreditation of BSCS and BSIT from NCEAC AT UAF Sub Campus Burewala.

2014 - 2023

Lecturer

University of Agriculture Faisalabad

2010 - 2014

Education coordinator

SSE School Education Department

2009 - 2010

Software Developer (Technology Wisdom)

Web Developer

EDUCATION AND TRAINING

2017 – 2022

PhD (Doctor of Philosophy)

Islamia University of Bahawalpur, Pakistan (<http://www.iub.edu.pk>)

2011 – 2013

MS CS (Master in Computer Science)

Islamia University of Bahawalpur, Pakistan (<http://www.iub.edu.pk>)

2006 – 2008

MSc CS (16 Year Education in Computer Science)

University of Punjab, Pakistan (<http://www.pu.edu.pk/>)

PERSONAL SKILLS

Mother tongue(s)

Urdu,Punjabi

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C1	C2	C2	C2
English Proficiency Certificate					
Urdu	C2	C2	C2	C2	C2
National Language					

- Technical skill**
- Python
 - C++
 - OOP
 - MATLAB
 - Microsoft Office
 - SQL Database

- Research Direction**
- Deep Learning
 - Machine Learning
 - Artificial Intelligence
 - Internet of Thing
 - Image Processing
 - Natural Language Processing
 - Data Mining

ADDITIONAL INFORMATION

- Organized Seminar/ Workshop**
- Organized Technology Idea Exhibition 2025
 - Organized training regarding HEC smart class room
 - Organized Workshop regarding UX/UI designing 2024
 - Organized Workshop regarding Mem Stack Development 2023
 - Member of committee 2nd National Socio-Economic Business Idea Competition 29 Sept 2022.
 - Organized two days workshop on SPSS organize by UAF Sub Campus Burewala sept 2022.
 - Organized and participated in one day seminar on “Kisaan Convention” organized by UAF Sub Campus, Burewala, Jan 2021
 - Organized and participated in one day seminar on “Kisaan Convention” organized by UAF Sub Campus, Burewala, Jan 2020
 - Organized and participated in one day seminar on “Kisaan Convention” organized by UAF Sub Campus, Burewala, Jan 2017
 - Organized and participated in one day seminar on “Kisaan Convention” organized by UAF Sub Campus, Burewala, May 2016
 - Organized and participated in one day seminar on ‘Livestock management for enhanced productivity’ or organized by UAF Sub Campus, Burewala, 16 March 2015.
 - Organized and participated in one day seminar on “Enhancing wheat production using modern technologies’ organized by me at Sub Campus UAF, Burewala, Vehari in Oct 2015.
 - Organized and participated in one day seminar on “Enhancing wheat production using modern technologies’ organized by me at Sub Campus UAF, Burewala, Vehari in Oct 2014.

- Publication
1. [IOT-Based Cotton Whitefly Prediction Using Deep Learning](#)
RM Saleem, R Kazmi, IS Bajwa, AAshraf, S Ramzan, W Anwar
Scientific Programming 2021 (1), 8824601
 2. [Internet of things based weekly crop pest prediction by using deep neural network](#)
RM Saleem, RN Bashir, M Faheem, MA Haq, AAlhussen, ZS Alzamil, ...
IEEE Access 11, 85900-85913
 3. [Detection and prevention of SQL injection attack by dynamic analyzer and testing model](#)
RM Nadeem, RM Saleem, R Bashir, S Habib
 4. [Human computer interaction \(HCI\) in ubiquitous computing](#)
RN Bashir, S Qadri, RM Saleem, M Naeem, Y Ghafoor
International Journal of Innovation and Applied Studies 9 (2), 534
 5. [IoT and machine learning based stem borer pest prediction](#)
RM Nadeem, A Jaffar, RM Saleem
Intelligent Automation and Soft Computing 31 (3), 1377-1392
 6. [Issues of implementation of CMMI in Pakistan software industry](#)
I ul Hassan, S Qadri, RN Bashir, RM Saleem, M Naeem
International Journal of Innovation and Applied Studies 9 (2), 547
 7. [Testing automation in agile software development](#)
RM Saleem, S Qadri, I ul Hassan, RN Bashir, Y Ghafoor
International Journal of Innovation and Applied Studies 9 (2), 541
 8. [Analysis of impact of differentiated services \(DiffServ\) on the quality of services \(QoS\) Parameters of major services of internet](#)
RM Nadeem, RM Saleem, RN Bashir, S Habib
Indian Journal of Science & Technology 10 (31), 1-24
 9. [Mapping and Temporal Analysis of Wheat Crop Using Remote Sensing Imageries Burewala, Pakistan](#)
SS Rana, MA Yar, RM Saleem, S Habib, HM Haroon, II Rana, J Khan
Journal of Computing & Biomedical Informatics 6 (02), 182-194
 10. [Geographically distributed software quality assurance team management](#)
M Naeem, S Qadri, RM Saleem, RN Bashir, Y Ghafoor
International Journal of Innovation and Applied Studies 9 (2), 565
 11. [Machine Learning-based Prediction of African Swine Fever \(ASF\) in Pigs](#)
RM Nadeem, MTT Bajwa, M Mahmood, RM Saleem, MN Maqbool
VFAST Transactions on Software Engineering 12 (3), 199-216
 12. [Land Feature Identification and Prediction of Burewala Using Machine Learning](#)
II Rana, SS Rana, S Habib, RM Saleem, HM Haroon, H Irfan
Journal of Computing & Biomedical Informatics 7 (01), 581-589
 13. [A Sentence-Level Encoder–Decoder Architecture for Designing an Administrative Roman Urdu Chatbot](#)
MN Maqbool, RM Saleem, N Sarwar, M Ibrahim, MS Alam Hashmi
Applied Computational Intelligence and Soft Computing 2025 (1), 4728280
 14. [Predicting And Identifying Land Features Utilising Remote Sensing Satellite Imagery And Machine Learning Techniques](#)
SS Rana, II Rana, MJ Khan, S Habib, RM Saleem, HM Haroon, H Irfan
Kashf Journal of Multidisciplinary Research 1 (12), 17-35
 15. [Internet of Things \(IoT\) and Machine Learning \(ML\) Assisted Reference Evapotranspiration \(ETO\) Estimations](#)
RN Bashir, RM Saleem, Z Abbas, HA Khan, D Muhammad, Q Hussain, ...
Quaid-e-Awam Univ. Res. J. Eng. Sci. Technol. 19, 80-90
 16. [Prediction of flood and projection of crop depletion along the Satluj River section, Burewala](#)
II Rana, SS Rana, RM Saleem, MJ Khan, N Waheed, H Irfan
Social Science Review Archives 2 (2), 1957-1972
 17. [Unveiling Soil Fertility Patterns via Image Analysis and Machine Learning for Accurate Crop Recommendations](#)
A Shahzad, M Ibrahim, RM Saleem, S Zia, S Habib, M Mahmood
Journal of Computing & Biomedical Informatics
 18. [Machine Learning Model of Plant Disease Prediction: Cotton Leaf Curl Virus \(CLCV\) on Cotton Crop](#)
RM Nadeem, RN Bashir, RM Saleem, MN Maqbool, HA Khan, ...
Quaid-e-Awam University Research Journal of Engineering Science and ...
 19. [A COMPARISON OF BIG DATA AND CLOUD COMPUTING APPLICATIONS WITH PROSPECTIVE TO SOFTWARE ENGINEERING](#)
RM Nadeem, S Ahmad, RM Saleem
Science International 29 (3), 619-619

PhD Research work Intelligent Environment Monitoring Model for Crop Pest Prediction. (2022)

MS Research work Testing Framework for Agile Software Development (2013)

Reference

Dr. Rab Nawaz Bashir
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