



مولانا آزاد نیشنل اردو یونیورسٹی

MAULANA AZAD NATIONAL URDU UNIVERSITY

(A Central University established by an Act of Parliament in 1998)

(Accredited with "A+" Grade by NAAC)

مولانا آزاد نیشنل اردو یونیورسٹی

Curriculum Vitae

MOHAMMAD ZAKWAN

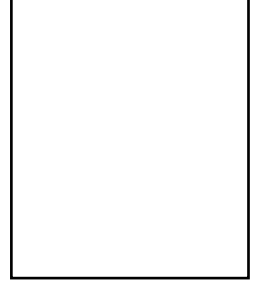
Assistant Professor

Polytechnic, Hyderabad

Polytechnic

,, E-Mail: zakwancivil@gmail.com

Contact No.:



• **Highest Education** : Hydraulic Structures (Civil Engineering)

• Academic/Research/Industrial Experience

From Year	To Year	Position Held	Organization
17-04-2017	--	Assistant Professor	Maulana Azad National Urdu University

• Publications

Papers In Journals

- 1 Zakwan, M. (2018).SPREADSHEET-BASED MODELLING OF HYSTERESIS AFFECTED CURVES.*APPLIED WATER SCIENCE* 8(2190-5495), 2190-5495
- 2 Zakwan,M.,Ahmad,Z., & Sharief, S. (2018).MAGNITUDE FREQUENCY ANALYSIS FOR SUSPENDED SEDIMENT TRANSPORT IN THE GANGA RIVER.*JOURNAL OF HYDROLOGIC ENGINEERING* 23(7), 1943-5584
- 3 Zakwan, M. (2019).COMPARATIVE ANALYSIS OF THE NOVEL INFILTRATION MODEL WITH OTHER INFILTRATION MODELS .*WATER AND ENVIRONMENT JOURNAL* 33(4), 1743-6593
- 4 Zakwan,M., & Ara, Z. (2019).Statistical analysis of rainfall in Bihar.*Sustainable Water Resources Management* 5(4), 2363-5037
- 5 Zakwan, M. (2020).REVISITING MAXIMUM OBSERVED PRECIPITATION AND DISCHARGE ENVELOPE CURVE.*IJHST* 10(3), 2042-7816
- 6 Sharief,S., & Zakwan, M. (2020).Comparative Analysis of Seepage Loss through Different Canal Lining.*IJHST* 12(4), 2042-7816
- 7 Panday,M.,Zakwan,M.,Sharma,P., & Ahmad, Z. (2020).Multiple linear regression and genetic algorithm approaches to predict temporal scour depth near circular pier in non-cohesive sediment.*ISH journal of hydraulic engineering* 26(1), 0971-5010
- 8 Zakwan,M., & Ahmad, Z. (2021).TREND ANALYSIS OF HYDROLOGICAL PARAMETERS OF GANGA RIVER.*ARABIAN JOURNAL OF GEOSCIENCES* 14(3), 1866-7511
- 9 Panday,M.,Mali,S., & Zakwan, M. (2021).DEVELOPMENT OF SCOUR AROUND A CIRCULAR PIER AND ITS MODELLING.*WATER SUPPLY* 20(8), 1607-0798
- 10 Zakwan,M., & Niazkar, M. (2021).A Comparative Analysis of Data-Driven Empirical and Artificial Intelligence Models for Estimating Infiltration Rates.*COMPLEXITY* 2021(1), 1076-2787
- 11 Niazkar,M., & Zakwan, M. (2021).Assessment of Artificial Intelligence Models for Developing Single-value and Loop Rating Curves.*COMPLEXITY* 2021(1), 1076-2787
- 12 Zakwan,M.,Pham,Q., & Zhu, S. (2021).Effective Discharge Computation in the Lower Drava River.*Hydrological Science Journal* 66(5), 0262-6667
- 13 Khan,I.,Zakwan,M., & Pullikal, A. K.(2022).Impact of unplanned urbanization on surface water quality of the twin cities of Telangana state, India.*Marine Pollution Bulletin* 185(12), 0025-326
- 14 Niazkar,M., & Zakwan, M. (2023).Developing ensemble models for estimating sediment loads for different times scales.*Environment Development and Sustainability* 25(4), 1573-2975

Chapter In Book

- 1 Muzzammil,M.,Alam,J., & Zakwan, M. (2018).Hydrologic Modeling . 1(), 978-981-10-5801-1
- 2 Zakwan, M. (2021).Groundwater Resources Development and Planning in the Semi-Arid Region. 1(), 978-3-030-68124-1
- 3 Sharief,S., & Zakwan, M. (2021).Groundwater Resources Development and Planning in the Semi-Arid Region. 1(978-3-030-68124-1), 978-3-030-68124-1

• Research Guidance

S.No	Student Name	Reg. Date	Thesis Title	Role	Status
Ph.D.					
1	IQBAL KHAN Roll No: DT20CE005		Assessment of Water Quality of Major surface water sources of Hyderabad	Co Supervisor for Outside MANUU Student	Continuing
2	RESHMA TABASSUM Roll No: 712012		'Design of multiple spur dikes on non-cohesive bed'	Co Supervisor for Outside MANUU Student	Continuing

• Teaching Experience

Academic Session	Program Level	Program	Course Name
2017-2018	Diploma	Diploma in Civil Engineering	Engineering Graphics
2017-2018	Diploma	Diploma in CSE	Engineering Graphics
2017-2018	Diploma	Diploma in Civil Engineering	Surveying Lab
2017-2018	Diploma	Diploma in Civil Engineering	Fluid Mechanics Lab
2017-2018	Diploma	DIPLOMA IN CIVIL ENGINEERING	TRANSPORTATION ENGINEERING
2017-2018	Diploma	DIPLOMA IN CIVIL ENGINEERING	IRRIGATION ENGINEERING
2018-2019	Diploma	DIPLOMA IN CIVIL ENGINEERING	IRRIGATION ENGINEERING
2018-2019	Diploma	Diploma in Civil Engineering	Fluid Mechanics Lab
2018-2019	Diploma	Diploma in ECE	Engineering Graphics
2018-2019	Diploma	Diploma in ECE	ENGINEERING GRAPHICS
2018-2019	Diploma	DIPLOMA IN CIVIL ENGINEERING	GEOTECHNICAL ENGINEERING
2019-2020	Diploma	DIPLOMA IN CIVIL ENGINEERING	TRANSPORTATION ENGINEERING
2020-2021	Diploma	DIPLOMA IN CIVIL ENGINEERING	GEOTECHNICAL ENGINEERING
2020-2021	Diploma	DIPLOMA IN CIVIL ENGINEERING	IRRIGATION ENGINEERING
2020-2021	Diploma	DIPLOMA IN CIVIL ENGINEERING	GEOTECHNICAL ENGINEERING
2020-2021	Diploma	DIPLOMA IN CIVIL ENGINEERING	IRRIGATION ENGINEERING
2020-2021	Diploma	Diploma in Civil Engineering	Fluid Mechanics Lab
2020-2021	Diploma	Diploma in ECE	Engineering Graphics
2021-2022	Diploma	Diploma in Civil Engineering	Minor Project
2021-2022	Diploma	Diploma in Civil Engineering	Material Testing Lab
2021-2022	Diploma	Diploma in Civil Engineering	Hydraulics and Fluid Machinery Lab
2021-2022	Diploma	Diploma in Electronics Engineering	Engineering Graphics
2021-2022	Diploma	Diploma in CSE	Engineering Graphics
2021-2022	Diploma	Diploma in IT	Engineering Graphics
2021-2022	Diploma	DIPLOMA IN CIVIL ENGINEERING	GEOTECHNICAL ENGINEERING
2021-2022	Diploma	DIPLOMA IN CIVIL ENGINEERING	HYDRAULICS LAB

2022-2023	Diploma	Diploma in Civil Engineering	Water Resource Engineering
2022-2023	Diploma	Diploma in Civil Engineering	Geotechnical Engineering
2022-2023	Diploma	Diploma in Civil Engineering	Hydraulics Lab
2022-2023	Diploma	Diploma in Civil Engineering	Hydraulics and Fluid Machinery Lab
2022-2023	Diploma	Diploma in Civil Engineering	Geotechnical and Transportation Engineering Lab
2022-2023	Diploma	Diploma in Electronics Engineering	Engineering Graphics
2022-2023	Diploma	Diploma in Civil Engineering	Minor Project
2022-2023	Diploma	Diploma in Civil Engineering	Major Project

• Awards

Award Level	Award Name	Organization	Award Date
University Level	KC CHACKO GOLD MEDAL	AMU	15-10-2014
University Level	GOLD MEDAL (MTECH CIVIL ENGINEERING)	AMU	14-09-2016
University Level	GOLD MEDAL (ALL BRANCHES)	AMU	14-09-2016

• Membership of Professional Bodies

Professional Body	Membership Type	Fee/Paid	From Date	To Date
INDIAN SOCIETY OF HYDRAULICS	Professional Bodies Membership	Free	13-07-2017	--

• Participation in Academic Events

Event Type	Event Level	Title	Held At	Organised By	Duration	Role
Orientation Program	National Level	ORIENTATION	MANUU HRDC HYDERABAD	HRDC MANUU	From 18-07-2017 To 14-08-2017	Participant
Conference	National Level	WATER RESOURCE MANAGEMENT	AMU	AMU	From 13-03-2019 To 15-03-2019	Paper Presenter
Faculty Development Program	National Level	Disaster MANAGEMENT	HRDC JMI, NEW DELHI	HRDC JMI	From 06-01-2020 To 11-01-2020	Participant
Faculty Development Program	National Level	MAES	ONLINE	Civil Engineering	From 27-04-2020 To 01-05-2020	Participant
Faculty Development Program	State Level	MPTETL	ONLINE	NRI Institute of Technology, A.P.	From 08-02-2021 To 12-02-2021	Participant
Invited Lecture	National Level	National Conference On Computational Methods, Data Science and Applications	ONLINE	CSIT MANUU	From 24-05-2021 To 25-05-2021	Resource Person
Invited Lecture	National Level	Mountain Rivers and Hazard Assessment: Mechanics, Prediction and Countermeasures	ONLINE	NIDM	From 18-02-2022 To 18-02-2022	Resource Person
Invited Lecture	National Level	Mountain Rivers and Hazard Assessment: Mechanics, Prediction and Countermeasures	ONLINE	NIT WARANGAL & NIDM	From 21-02-2022 To 24-02-2022	Resource Person
Invited Lecture	National Level	Applications of AI in Water Resource Management (AAWRM-2022)	ONLINE	Rajkiya Engineering College, Sonbhadra	From 07-03-2022 To 11-03-2022	Resource Person

Invited Lecture	National Level	Data Science Applications in Sciences and Technologies	ONLINE	BGSBU	From 28-03-2022 To 01-04-2022	Resource Person
Faculty Development Program	National Level	Modern Techniques and Tools in Water Resource Management	ONLINE	E&ICT Academy, NIT Warangal, and NIT Andhra Pradesh	From 01-08-2022 To 12-08-2022	Participant

• Administrative Responsibilities				
From Date	To Date	Responsibility Description	Scope of Resp.	Organization
03-07-2017	26-05-2023	Time Table Incharge	Departmental Level	
08-01-2018	31-01-2018	Industrial Visit Incharge	Departmental Level	
02-10-2018	26-05-2023	Fluid Mechanics Lab Incharge	Departmental Level	
20-03-2019	21-10-2019	Examination Incharge	School Level	
21-03-2019	31-12-2020	Attendance Co-ordinator	School Level	
03-02-2020	17-11-2022	Member NAAC team	University Level	
01-01-2021	30-06-2021	Industrial Taining Incharge	Departmental Level	
14-11-2022	15-12-2022	NAAC Departmental Research Paper Organization	School Level	
15-11-2022	26-05-2023	Member-Hindi Club	School Level	
15-11-2022	26-05-2023	Convenor - Research Committee	School Level	
17-02-2023	26-05-2023	Warden	University Level	

I hereby declare that the above mentioned information is true to the best of my knowledge and belief.

Date : _____

Place : _____

MOHAMMAD ZAKWAN