



Department of Civil Engineering, Polytechnic Hyderabad  
School of Technology  
Maulana Azad National Urdu University (Central University)  
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## MIRZA VILAYATH ALI BAIG | Assistant Professor (Selection Grade-1)

**CURRENT DESIGNATION/ INVOLVEMENT** Working as an Assistant Professor (Selection Grade-1) in Department of Civil Engineering, Polytechnic Hyderabad, School of Technology, Maulana Azad National Urdu University

**AREA OF SPECIALIZATION** Transportation Engineering – Traffic Engineering, Road Networks and Urban Traffic Congestions.

**ACADEMIC AND ADMINISTRATIVE EXPERIENCE**

Refer Annexure-I appended at the end.

**EDUCATIONAL QUALIFICATION**

- 1) **DOCTOR OF PHILOSOPHY Ph.D** in Civil Engineering from Jawaharlal Nehru Technological University, Hyderabad.
- 2) **M.TECH** in Transportation Engineering from Jawaharlal Nehru Technological University, Hyderabad
- 3) **B.E – Civil Engineering** from Osmania University, Hyderabad, Telangana
- 4) **D.C.E – Diploma in Civil Engineering** from State Board of Technical Education and Training, Telangana
- 5) **AISSE – All India Secondary School Examination (Xth Class)** from Central Board of Secondary Education

**TEACHING PROFICIENCY**

- Capable of simulating the practical scenarios in classroom
- Effective interactions with the students for better understanding of concepts
- Monitoring the field Visits and Industrial Training for experiential learning
- Blended mode of teaching theory and practical classes

**RESEARCH PUBLICATION DETAILS**

Refer Annexure-II appended at the end

DETAILS OF  
CONFERENCE/SEMINAR  
/WORKSHOP/ FDP  
(ATTENDED/PRESENTED)

Refer Annexure-III appended at the end.

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PERSONAL DETAILS

**Father's Name** : Mr Mirza Akbar Ali Baig  
**Date of Birth** : 16 December 1985  
**Gender** : Male  
**Marital Status** : Married  
**Nationality** : Indian  
**Language Known** : Urdu, English, Hindi  
Etc.

Date: 20 February 2026

Place: Hyderabad

*(Mirza Vilayath Ali Baig)*

## Annexure – I

### ADMINISTRATIVE EXPERIENCE

S.No	Designation	Department
1	Principal – Incharge of MANUU Polytechnic Kadapa from July 2024 to Oct 2025	MANUU Polytechnic Kadapa
2	Honorary Consultant Engineer & Technical Officer – Civil	Campus Development & Engineering Section Maulana Azad National Urdu University
3	Incharge - Department Of Civil Engineering	Polytechnic Hyderabad, Maulana Azad National Urdu University
4	Coordinator and Incharge for Civil Engineering Workshops and Laboratories of Polytechnic Hyderabad	
5	Member Disciplinary Committee - Polytechnic Hyderabad, Polytechnic Building Committee, Anti Ragging Committee	
6	Local Board Examiner for Civil Engineering Draughtsman at ITI Mallapally Hyderabad	ITI Mallapally Hyderabad Telangana State
7	Incharge - Department Of Civil Engineering	Polytechnic Kadapa, Maulana Azad National Urdu University
8	Coordinator Campus Development and Maintenance Committee	
9	Coordinator Student Induction Program	
10	Coordinator Anti Ragging Committee, Student Grievance Redressal Committee	
11	Member of AICTE Committee, Social Activities Committee, Unnath Bharath Abhiyaan for Polytechnic KADAPA	
12	Member Internal Complaint Committee, AICTE High Level Committee, Local Purchase Committee	

## Annexure –II (Publications)

S.No	Title	Authors	Year	Name of Journal	Volume (Issue)	Link (DOI)
1	Urban Roads Insight on Weighing Parametric Analysis with Fractal Dimension to Assess the Level of Service of Causative Convergence	Dr. Mirza Vilayath Ali Baig, Dr. B Sridhar, Dr. K M Lakshmana Rao	2025	International Research Journal on Advanced Engineering and Management	Volume 03 Issue 01 January 2025	<a href="https://doi.org/10.47392/IJAEEM.2025.0005">10.47392/IJAEEM.2025.0005</a>
2	Transitional Impact Of Influencing Factors Leading To Traffic Congestions	Dr. Mirza Vilayath Ali Baig, Dr. B Sridhar, Dr. K M Lakshmana Rao	2024	Nanotechnology Perceptions	20 No. S11 (2024) :1388-1402	<a href="https://doi.org/10.62441/nano-ntp.v20iS11.97">10.62441/nano-ntp.v20iS11.97</a>
3	Transitional Probabilities of Influencing Factors on Road Traffic Congestion on Urban Roads	Dr. Mirza Vilayath Ali Baig, Dr. B Sridhar, Dr. K M Lakshmana Rao	2024	International Research Journal on Advanced Engineering Hub (IRJAEH)	Vol. 02 Issue: 09 September 2024	<a href="https://doi.org/10.47392/IRJAEH.2024.0322">https://doi.org/10.47392/IRJAEH.2024.0322</a>
4	Study on Intervening Effects of Influencing Factors on Traffic Congestion in an Urban Road Network	Dr. Mirza Vilayath Ali Baig, Dr. K M Lakshmana Rao	2024	Nanotechnology Perceptions	20 No. S9 January (2024) 478–487	<a href="https://doi.org/10.62441/nano-ntp.v20iS9.36">10.62441/nano-ntp.v20iS9.36</a>
5	Road Network Characteristics And Orientation -Design Leads In Urban Areas	Dr. Mirza Vilayath Ali Baig, Dr. K M Lakshmana Rao	2016	International Journal of Innovative Research in Science and Engineering	Vol No.2, Issue 2, February 2016	<a href="http://www.ijirse.com/ADMIN/admin/postimages/images/fullpdf/320S.pdf">http://www.ijirse.com/ADMIN/admin/postimages/images/fullpdf/320S.pdf</a>

### Annexure –III (FDP/Conference/Training Programs/Others)

S.No	Name of Course/Workshop/Conference	Category	Duration	Venue	Organized By
1	International Journal of Innovative Research in Science and Engineering (IJRSE) ISSN : 2454 - 9665, Vol 2, Issue 2	Journal	1 Day	Title of paper - Road Network Characteristics and Orientation - Design Leads for Urban Areas	
2	National Conference on E-Learning and E - Technology, Prospectus and Challenges	National Conference	2 Day	Maulana Azad National Urdu University, Gachibowli, Hyderabad	Instructional Media Centre, Maulana Azad National Urdu University, Gachibowli, Hyderabad
3	UGC Sponsored Orientation Course by UGC HRDC	Orientation Course	4 Week	Maulana Azad National Urdu University, Gachibowli, Hyderabad	UGC HRDC, Maulana Azad National Urdu University, Gachibowli, Hyderabad
4	3 Day Workshop on Online Teaching, Learning and Assessment with Open Educational Resource, Educational Technology Tools & Moodle MOOC Platform	Workshop	3 Day	Maulana Azad National Urdu University, Gachibowli, Hyderabad	Instructional Media Centre, Maulana Azad National Urdu University, Gachibowli, Hyderabad
5	Research Methodology Course Work	Course Work	1 Week	Jawaharlal Nehru Technological University, Kukatpally, Hyderabad	Directorate of Research and Development, Jawaharlal Nehru Technological University, Kukatpally, Hyderabad
6	4 Day International Conference - XIV Comparative Literature Association of India (CLAI) Biennial International Conference on studying South Asian Narratives through Pluraist and Dialogue Frames sponsored by UGC and Sahitya Academy at MANUU Hyderabad	International Conference	1 Week	Maulana Azad National Urdu University, Gachibowli, Hyderabad	UGC and Sahitya Academy

7	One Week STTP by NITTTR Bhopal at MANUU Hyderabad on Training of Trainers (TOT) under TLC Project	STTP	1 Week	Department of CS & IT Maulana Azad National Urdu University, Gachibowli, Hyderabad	NITTTR, Bhopal
8	Two Week STTP in " Refresher Course in Engineering Mechanics and Strength of Materials by NITTTR Kolkata	STTP	2 Week	NITTTR Kolkata	NITTTR Kolkata
9	One Day National Workshop under TEQIP on Pavement Materials and Pavement Design	Workshop	1 Day	Jawaharlal Nehru Technological University, Kukatpally, Hyderabad	Department of Civil Engineering and Centre for Transportation Engineering, JNTUH, Kukatpally Hyderabad
10	6 Day (1Week) FDP on Nai Taleem, Experiential Learning ad Community Engagement	FDP	1 Week	Maulana Azad National Urdu University, Gachibowli, Hyderabad	Mahatma Gandhi National Council of Rural Education, MHRD, in Collaboration with UGC HRDC Maulana Azad National Urdu University
11	3rd International Conference on Recent Innovations in Science, Engineering and Management , Title of Paper Submitted - Road Network Characteristics and Orientation - Design Leads for Urban Areas	International Conference	1 Day	Sri Venkateswara College of Engineering and Technology, Srikakulam, A.P	
12	Short Term Program on E-Content Development and Online Pedagogy	Short Term Program	1 Week	University of Hyderabad, Telangana	HRDC, HCU
13	Industrial Training for Faculty members	Industrial Training	3 Weeks	Regional Telecom Training Centre, BSNL, Telecom	Regional Telecom Training Centre, BSNL, Telecom Nagar,

				Nagar, Hyderabad	Hyderabad
14	Application of Computational Intelligence in Civil Engineering 17-02-2025 to 28-02-2025	FDP	(Two Week)	Organized and conducted at MANUU Polytechnic Hyderabad	
15	Transitional Probabilities of Influencing Factor on Urban Traffic Congestion	Conference	2 Day	Organized by Global Conference Hub Tamil Nadu and Radhakrishna Institute of Technology and Engineering, Odisha India.	
16	National Service Scheme Camp 23-02-2020 to 29-02-2020	(One Week)	On Field	NSS Special Camp in Indira Nagar Village, CK Dinne Mandal, Kadapa, Andhra Pradesh conducted by MANUU Polytechnic Kadapa, A.P	
17	Short Term Program on E-Content Development and Online Pedagogy 18-01-2021 to 23-01-2021	(One Week)	Online	One-week short term program by UGC HRDC, University of Hyderabad for developing e content and learning the platforms, tools for online pedagogy.	
18	Industrial Training 16-11-2020 to 05-12-2020	(Three Week)	2 week Online & 1 week on field	Industrial training for faculty members of three weeks conducted by Regional Telecom Training Centre (RTTC), Bharat Sanchar Nigam Limited (BSNL), Hyderabad.	
19	NEP 2020 Orientation & Sensitization Programme 02-02-2024 to 11-01-2024	(One Week)	Online	NEP 2020 Orientation & Sensitization Programme for one week under Malaviya Mission Teacher Training Programme of University Grants Commission (UGC) organized by UGC-MMTTC, MANUU Hyderabad	

## AICTE COURSES

S.No	Name of MOOC Module	Duration	Mode of Conduct	Brief Information/ Report regarding the program
1.	Module1: Orientation Towards Technical Education and Curriculum Aspects	6 Months	Online	<p>AICTE 8 Module programs conducted by National Initiative for Technical Teachers Training (NITTT) the MOOC Courses offered under SWAYAM platform. Attended the classes in October-November 2023 for Module 1 to 4 and April-May 2024 for Module 5 to 8. Passed the examinations in September 2024</p>
2.	Module2: Professional Ethics & Sustainability	6 Months	Online	
3	Module3: Communication Skills, Modes & Knowledge Dissemination	6 Months	Online	
4	Module4: Instructional Planning and Delivery	6 Months	Online	
5.	Module5: Technology Enabled Learning And Life Long Self Learning	6 Months	Online	
6.	Module6: Student Assessment and Evaluation	6 Months	Online	
7.	Module7: Creative Problem Solving, Innovation and Meaningful R&D	6 Months	Online	
8.	Module8: Institutional Management & Administrative Procedures	6 Months	Online	