



AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai – 600 055.

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DEPARTMENT OF CIVIL ENGINEERING

NAME & INITIALS	Dr. M. Afzal Ali Baig	
DESIGNATION	PROFESSOR	
EDUCATIONAL QUALIFICATION	B.E.,M.Tech., Ph.D.	
TOTAL EXPERIENCE	21 Years	
DATE OF JOINING	02/05/2011	
EMAIL ID	afzalalibaig@gmail.com reach2afzal@aalimec.ac.in	
AREA OF SPECIALISATION	WATER RESOURCES ENGINEERING	
FACULTY ID	AICTE FACULTY ID: 1-752455904	
	ANNA UNIVERSITY FACULTY CODE: 1101142	

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
Ph.D.	Water Resources Engineering	J.N.T.U- Ananthapur	Jawaharlal Nehru technological University	2007
M.Tech	Hydraulics and Water resources Engineering	S.V.U College of Engineering, Tirupathi	Sri Venkateswara University	2000
B.E.	Civil Engineering	Sri.M.V.I.T, Bangalore	Bangalore University	1998

PROFESSIONAL MEMBERSHIPS

LM 598 Indian Society for Hydraulics (MISH)

LM 47276 Indian Society for Technical Education (MISTE)

247312 International Association Of Engineers(IAENG)

PM94607285 Member of the Institute For Engineering Research and Publication (IFERP)

19193- Member of International Association of Hydrological Sciences (IAHS)

NPTEL COURSES ATTENDED

Successfully completed 3 Credits Course in "MUNICIPAL SOLID WASTE MANGEMENT" with ELITE(NPTEL20CE56S71320535)

Successfully completed 3+1 Credits Course in "FLUID MECHANICS" (NPTEL21CE56S23340676)

FDP ATTENDED

Participated& successfully completed five Days Online Faculty DevelopmentProgramme on "**Advances in Water Resources Engineering andIrrigation Management**" from 3-1-2022 to 7-1-2022" at SSNCollege of Engineering.

Participated in School Education Expert Group, Unnat Bhatath Abhiyan, Ministry of

Education from 29-11-2020 to 09-05-2021 Under NAYA BHARATH E-SERIES
Attended three days Online training Programme from 15th to 17 th - September 2021 on "Fundamentals of Disaster Management" Under the Aegis of NATIONAL INSTITUTE OF DISASTER MANAGEMENT(NIDC) Conducted by Vidyavardhaka College Of Engineering, Mysuru.
Participated in the ONLINE-FDP on "Faculty Role in SAR" conducted on 10th June 2020 by Rajalakshmi Engineering College, Under Margadarshan Scheme.
Participated and Completed online national level seven days faculty development program on " MOODLE LEARNING MANAGEMENT SYSTEM" conducted BY SPOKEN TUTORIAL IIT BOMBAY, MHRD, GOVERNMENT OF INDIA From 2nd July 2020 to 8th July 2020 , Certificate ID:DUIZLG-CE000084
Attended 5 – DAY live webinar on "THE STEP-BY-STEP GUIDE HOW TO WRITE A JOURNAL ARTICLE WITHIN 3 MONTHS" conducted by Chase Research and Development Department, Chennai from 18 th June to 23 rd June 2020.
Participated and completed One Week online Faculty Development Program on "PYTHON 3.4.3" from 8th June to 13th June 2020. This FDP was organized by Department of Information Technology in association with Spoken Tutorial IIT, Bombay Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India.
Attended the QIP training programme on Groundwater modelling at the QIP Centre, IIT, Roorkee during 21 -25 February 2005.

WORKSHOPS ATTENDED

Participated and successfully completed the online workshop on Universal Human Value on the theme "Inculcating Universal Human Values in Technical Education" during 21-25 September, 2020 as organized by All India Council for

Technical Education(AICTE).F.No AICTE/FDP-SI/OnlineWorkshop/201/38143.
Participated in an International conference on “ Millenium Development Goals (MDG) ” Role of ICT and other appropriate Technologies organized by R.M.K. Engineering College and R.M.D. Engineering College on 27/12/2009.
<p>“Integrated Remote Sensing and GIS for Groundwater potentiality mapping of Bahuda River Basin, Chittoor District, Andhra Pradesh, India.”</p> <p>An Invited Lecture presented at National Workshop on “Application of GIS, GPS and Remote sensing in Environmental Management”. Contucted by R.M.K. Engineering College, Kavaraipettai, during 23-25 June 2008.</p>
Participated in a workshop on Patent Awarness conected at Mohamed Sathak Engineering College, Kilakarai during April, 2006.
Participated in a workshop on Environmental Pollution and Awareness conducted at Tamilnadu Engineering College, Coimbatore on June 18, 2004.
Participated in the workshop on Computer Aided Design conducted at S.V.U. College of Engg., by Ramcaddy’s Limited on April 26 2002.
Participated in the workshop on IMPORTANCE OF WATER MANAGEMENT IN CONSTRUCTION ACTIVITIES organized by Construction Academy on 30-08-2019 at Anna University, Chennai.

SEMINARS/WEBINARS ATTENDED

<p>Attended One Day Conference on STARTUP POLICY AND SKILL DEVELOPMENT FOR EMPLOYMENT – AN INITIATIVE BY STATE UNIVERSITIES at Vivekananda Auditorium Anna University held on 10-07-2018.</p>
<p>Attended a conference on CSR CONVERGENCE 2019 – “Strengthening New India with the Power of Giving Back” held on 27-08-2019 at ITC Grand Chola conducted by ICT Academy</p>

Attended a conference on **"5th Higher Education Summit"** on 06-09-2019 at Hyatt Regency Chennai conducted by Business World.

PUBLICATION DETAILS

Seasonal variation of Groundwater Quality in Bahuda River Basin, Andhra Pradesh published in **Indian Journal of Geochemistry**, Volume 21(1), June 2006, pp.247-258.

A Study on Quality of Groundwater in Relation to Irrigation in Bahuda River Basin, Andhra Pradesh published in the **Journal of Indian Academy of Geoscience**, Vol. 47, 2006. pp.29-37.

"Rainfall-Runoff modeling – A case study" paper published in the journal of **Indian Society for Hydraulics, Volume 14, No.2- September 2008 Page 18- page 35.**

"Electrical Resistivity surveys for groundwater in Bahuda River Basin, Andhra Pradesh, India" published in **International journal of Civil Engineering, 2011, Vol-3, Issue-1, Page no. 43-51.**

"Impact of irrigation water quality on marginal and small farmers in Thiruvallur district, Tamil Nadu, India: A case study" published in **International Journal of Science and Advanced Technology (ISSN 2221-8386) Volume 1 No 4 June 2011**

"Sustainable use of low lime fly ashes in Geotechnical and Geo environmental applications" paper presented in **International GEO Congress-2012" held on March 25-29, 2012 at California, U.S.A., ASCE** and the paper published in **ISI Journal.**

"Experimental investigation on strengthening of R.C. Beam by GFRP Wrapping published in **journal of Emerging Technologies and Innovative Research(JETIR) ISSN-2349-5162, August 2018, Volume -5, Issue -8, Page No.1079.**

"Prediction of Potholes for PMGSY Roads in India" published in **TEST - Engineering and Management Journal** in **January - February 2020 ISSN: 0193 - 4120 Page No. 7681 - 7690.**

"Assessment of Productivity in Ready Mixed Concrete Batching Plant

**“ published in journal of Solid State Technology, Volume: 63 Issue: 2s
Publication Year: 2020.**

“Implementation of Domestic Appliances Powered by Artificial Intelligence” published in Bioscience and Biotechnology Research Communications - Special Issue Vol 13 No 13 (2020) Pp-323-325

CONFERENCE DETAILS

Man’s Influence on Natural Hydrological Cycle presented at the conference on water resources management for sustainable development conducted at Water Technology Centre, Dept. of Civil Engg., S.V.University, Tirupati during 12 -13 March, 1999.

Application of Image Well Theory to Simulate Aquifer Response of Niva River Basin presented at the International Groundwater Conference (IGC-2002) conducted at Dindigul, Tamil Nadu by **NGRI, Hyderabad** during 20-22 Feb. 2002.

Water Divining - a Myth or Reality? Presented at the conference on Modern trends in Water resources development and environmental management conducted at **Vellore Institute of Technology**, Vellore, Tamil Nadu during 7-8 March 2002.

Termite Mounds and Groundwater Promising Zones, presented at **HYDRO - 2005** conducted by Indian Society of Hydrologists and Siddaganga Institute of Technology, Tumkur, Karnataka during 8-9 December 2005.

ACHIEVEMENT DETAILS

Reviewer and Evaluator for International Journal of GEOMATE

Coordinator for TIES 2012 a State Level Anna University Sports Event held at Mohamed Sathak Engineering College.

Nominated for Advisory Board Member for International Human Rights Organisation –Tamil Nadu.

Advisory Board Member for Aadhi Builders- Chennai –Phase-I & II

Nominated for "Top 20 Expert Faculties in the field of Electrical, Electronics, Civil, Mechanical & Aeronautical Engineering" across India for the year 2020 by The Academic Council of uLektz.

Certified in Water Management in Unconventional Oil & Gas Exploration-USA