



## RESUME

NAME : Dr. ZANGALAPALLI ABDUL RAHIM  
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DATE OF BIRTH : 02-06-1968

### **ADDRESS FOR COMMUNICATION :**

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### **EDUCATIONAL QUALIFICATIONS:**

- Ph.D. (Structural Engg): **“Strength and Durability Studies of Fibre Reinforced Metakaolin Blended Concrete”**Awarded in the month of May, 2011 from Jawaharlal Nehru Technological University, Hyderabad.
- M.Tech.(Structural Engg) : **“Behaviour of Blended Concrete Beams Under Pure Torsion”**Passed in First Division from Jawaharlal Nehru Technological University college of Engineering, Anantapur in 1996.
- B.E (Civil Engg.): Passed in First Class with Distinction from Osmania University in 1989.

### **AREA OF RESEARCH: Concrete Technology**

### **PROFESSIONAL EXPERIENCE (Total Teaching Experience = 23 years):**

- Working as Associate Professor/Vice Principal/Section Head in the Dept of Civil Engg, MANUU Polytechnic since 12/06/2014 to till date.
- Worked as Professor in the Dept of Civil Engg. at Al-Habeeb College of Engg. & Tech, Chevella, RR Dist, Hyderabad from 09-03-2012 to 11-06-2014.
- Worked as Professor in the Dept. of Civil Engg. at Muffakham Jah College of Engineering & Technology, Hyderabad from 02-11-2011 to 08-03-2012.
- Worked as Associate Professor in the Dept. of Civil Engg. at Muffakham Jah College of Engineering & Technology, Hyderabad from 27-08-2007 to 01-11-2011.

- Worked as Associate Professor and Head of Civil Engg. Dept. at INTELL Engg. College, Anantapur from 31-03-2004 to 30-09-2007.
- Worked as Senior Assistant Professor in Civil Engg. Dept at INTELL Engg. College, Anantapur from 31-03-2001 to 30-03-2004.
- Worked as Assistant Professor in Civil Engg. Dept at INTELL Engg. College, Anantapur from 01-01-1999 to 30-03-2001.
- Worked as Lecturer in Civil Engg. Dept at M.J.C.E.T, Hyderabad from 01-09-1997 to 31-12-1998.
- Worked as Lecturer in Civil Engg. Dept at Deccan College of Engg & Tech, Hyderabad from 07-06-1993 to 31-08-1997.

#### **ADDITIONAL RESPONSIBILITIES HELD:**

- As a Head of the Dept. of Civil Engg at INTELL Engg. College, Anantapur from June-2004 to Sep-2008
- As a Convener for Two day Workshop on “MECHATRONICS” at INTELL Engg. College, Anantapur in Dec-2003.
- As a Co-coordinator for a three day National Level Seminar held in Sep-2008, at M.J.C.E.T, Hyd.
- In charge of Structural Engg. Laboratory at INTELL Engg. College, Anantapur.
- As a section head in Al-Habeeb college of engineering and technology, Chevalla, Hyderabad from 09-03-2012 to 11-06-2014.
- Vice Principal/ Section Head at MANUU Polytecnic Hyderabad.
- Deputy Proctor of Maulana Azad National Urdu University
- Member of internal complains committee cell
- Member of Central Hostel Admission committee.
- Azad Day ( National Education Day) Celebrations committee member.
- SWACHHTA PAKHWADA (Cleanliness Drive) at MANUU. An initiative by Ministry of Human Resource Development.
- Member of CBCS Curriculum Committttee at MANUU
- Member of AICTE Curriculum Committttee at MANUU
- As a Coordinator for the forthcoming 5 days Faculty Development Programme (23<sup>rd</sup>-27<sup>th</sup> Nov. 2020) under AICTE (ATAL).

#### **COURSES ATTENDED**

- AICTE Sponsored Two week Staff Development Program on Design of Steel Structures by using IS:800 – 2007 (Third Revision) at VSSUT, Burla, odisha, India.
- Two day workshop on Concrete Mix Design organized by Ambuja Cement on 23<sup>rd</sup> and 24<sup>th</sup> July 2012 at Hyderabad.
- As a Co-ordinator for Refresher course on IS:800 – 2007, Code of Practice for General Construction in Steel(Third Revision) on 23<sup>rd</sup>& 24<sup>th</sup> August 2012 jointly organized by Al-

Habeeb College of Engg. & Tech and Institute for Steel Development and Growth(INS DAG), Kolkata, India.

- UK India Education Research Initiative (UKIERI) Leadership Development Programme (13<sup>th</sup> -16<sup>th</sup> Nov 2018, Feb 2019 and June 2019) conducted by AICTE, New Delhi, India.

#### CONFERENCE PAPERS PRESENTED:

S. No	Title of Paper	Name of the Conference	Date of Publication
1	An Experimental Investigation on Metakaolin Blended Concrete in Torsion using Lime Stone as Coarse Aggregate	International Conference on Advances in Concrete & Construction (ICACC-2008) by Vasavi College of Engg., Hyderabad	7 to 9 Feb 2008
2	Basic Strength Properties of Metakaolin Blended Concrete using Lime Stone as Coarse Aggregate	National Seminar on Focusing on Advances in Civil Engg., (FACE-08) by TKM College of Engg, Kerala	21 to 23 Feb 2008
3	Durability Studies on Metakaolin Blended Concrete	National Level Seminar on "ENGINEERED CONCRETES" by ICI at BMS college of Engg. Bangalore	28 to 30 Mar 2008
4	Basic Strength Properties of Metakaolin Blended High Strength Concrete using Crimped G.I. Fibers.	One Day National Seminar on Recent Advances in Structural Engg. (RASE-08) by J.N.T.U, Anantapur	14 <sup>th</sup> April 2008
5	Effect of incorporating Metakaolin & Crimped Steel Fibers on the Properties of Fresh & Hardened Concrete	International Symposium being Organised by <b>RILEM International at IIT MADRAS</b>	17 to 19 Sep 2008
6	Post cracking behaviour of Metakaolin blended High Strength Concrete using crimped steel fibres in flexure	International conference being organized by ICI, at New Delhi, "INNOVATIVE WORLD OF CONCRETE"	11to 14 Dec 2008
7	Basic Strength properties of Metakaolin blended High Strength Concrete using M.S. fibres	National Conference being organized by Bhilai Institute of Technology, Durg, "BITCON – 2008"	7to 8 Nov 2008
8	Behaviour of Metakaolin blended concrete in flexure by using crimped steel fibres	Published in the Proceedings of International Conference organized by <b>BITS-PILANI</b>	October -2009
9	Durability Studies on Steel Fibre Reinforced High Strength Metakaolin Blended Concrete	Published in the Proceedings of <b>International Congress on Durability of Concrete, CANADA</b>	August 2011
10	Trend Analysis of Rainfall in Bihar	Water Resource Management-2019	13 <sup>th</sup> -15 <sup>th</sup> March

## JOURNAL PAPERS PUBLISHED:

S. No	Title of Paper	Name of the Journal	Date of Publication
1	Durability Studies on Metakaolin Blended Concrete	Published in the <b>Journal for Research and Engg. (International Journal)</b>	October 2008
2	Cracking Behaviour of Metakaolin blended high strength concrete by using crimped steel fibres	Published in <b>International Journal for Civil Engg.</b>	October 2009
3	Behaviour of Metakaolin blended concrete in flexure by using crimped steel fibres.	Published in the <b>International Journal of Earth Sciences &amp; Engineering, BITS-PILANI</b>	January -2010
4	Effect of Incorporating Metakaolin and Crimped Steel Fibres on Flexural Behaviour of RCC Beams	Published in the <b>International Journal of Earth Sciences &amp; Engineering, BITS-PILANI</b>	July -2010
5	Study on Strength and Durability of Blended Concrete	<b>International Journal of Research Sciences and Advanced Engineering</b>	Dec-2015, 2 (12), 268-274.
6	Behaviour of Steel Fibre Reinforced High Strength Metakaolin Concrete at different Thermal cycles	Abstract sent for <b>Indian Concrete Journal</b>	Awaiting acceptance
7	Experimental Studies on Steel Fibre Reinforced Metakaolin Concrete at different Elevated temperatures	Full length paper sent for <b>i-Managers Journal of Future Engineering &amp; Technology</b>	Awaiting For Publication
8	Comparative Analysis of Muskingum Models	<b>Water and Energy International, Vol 63(7)</b> Scopus peer reviewed -CBIP	October 2020
9	Estimation of reservoir capacity using optimization technique	<b>Water and energy International, Vol 63(1)</b> Scopus peer reviewed	July 2020

## PROJECTS / THESIS GUIDED:

No. of projects guided for Post Graduate Engineering Students = 15

No. of projects guided for Under Graduate Engineering Students = 25

No. of Research Scholars under Guidance = 02

**“Bearing strength of glass fibre reinforced polymer bars (GFRP) Confined Concrete”** A minor Research Project under XII Plan Grants Provision in 2016.

## Membership of Technical Bodies:

1. Life time member of The Institution of Engineers, India.
2. International Journal for Research & Development.

(Dr. Z. ABDUL RAHIM)