ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTU Kakinada)
Accredited by NAAC & An ISO 9001:2015 Certified Institution
ITI Road, ALC Campus, VIJAYAWADA - 520 008 :: Website : www.aliet.ac.in :: Ph : 0866 - 2476161

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FACULTY PROFILE

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Name of the Faculty	**VENKATA MANIKANTA BATCHU**	
Designation	**Assistant Professor of Mathematics**	Date of Birth 24/09/1980
Department	**Science & Humanities**	Native place : Vijayawada
Date of Joining the Institution	**11-05-2023**	
Academic Qualification with Class/Grade	• **M. Sc.** Mathematics with 60%, in 2006. • B.A. MES with 52% in 2002 • B.Ed Mathematics with 7.6 GPA 2023.	
Employee ID	**ALIET-23-10**	
E-mail / Mobile	venkatamanikanta.b@gmail.com 7013137296	
Total Experience in Years	**Teaching:16years**	**Industry:0 years** **Research:-- 5 years**
Papers Published	**Journals: --- 05**	**Articles in Books: Nil**
Faculty Development Programmes attended	**01**	**Workshops: 00**
Papers presented in Conferences	**National: -**	**International: 02 / Workshops: -**
PhD Guide? Give field & University	**Field:----Dr. Yudhveersingh,** **Fractional Calculus**	**University: -- Amity University, Rajasthan.**
PhDs / Projects Guided	**00**	
Books Published/IPRs/Patents	**Nil**	
Professional Memberships	**2**	
Foreign Projects	**Nil**	

National Project	**Nil**
Awards	**Nil**
Grants fetched	**Nil**
Whether Ratified by University (Yes/No)	**NO**

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Faculty Development Programme :

- A five day online international level Faculty development Program "ONLINE TEACHING TOOLS FOR VIDEO LECTURING AND DIGITAL E – LEARNING" Conducted by SIR C R REDDY COLLEGE, ELURU, ANDHRA PRADESH, from may 19 – 23, 2020.

- A five day online National level Faculty development Program " SCILAB" in Association with IIT – Mumbai (Remote learning through spoken tutorial) Conducted by St. PETER'S ENGINEERING COLLEGE, HYDERABAD, from JUNE 15 – 19, 2020.

Conferences;

Presented a paper in International Conference on Computational Applied Sciences and Its Applications (ICCASSA – 2023), Titled " An Innovative analytical approach for solving FDEs arising inion acoustic waves in Plasma" from June 13 – 14, 2023, Conducted by Department of Basic Sciences, University of Engineering & management, Jaipur.

Publications:

- 1. „ICOQM-10" in India, "Impact of Quantitative methods in Operations Management" Nasik, INDIA.
- 2. „ICMET 2011" China, "Information Technology in Operation Analysis" Dalian, China. ISBN0791859819, 9780791859810
- 3. IJRCM, 'A Scientific Approach Using Fuzzy Logic in Operations Management" ISSN0976-2183, Volume number 6, Issue number 04 (April), page number 50 – 53.
- 4. Elixir' MinMax Zero Suffix Method is Symmetric' ISSN 2229-712X, in Applied Mathematics (100) 2016, 43827-43829.
- 5. Test Engineering and Management, "Exploration of Fractional Time Constant and Transitory response in L – R- Circuit" ISSN 0193-4120, Volume 83, May/June 2020, page number 29186 - 29191 [Scopus Journal].
- 6. " A Novel Extension of Weighted Hyper Geometric Functions and Fractional Derivative " Malaya Journal of Matematik, Vol. 9, No. 1, 38-45, 2021 https://doi.org/10.26637/MJM0901/0006020.
- 7. Fractional Calculus and Chaos Synchronization" Journal of Positive School Psychology, 2022, Vol.6, No. 3, 8135 – 8145.

Patents:

Patent No: 202241022513

Title: Intelligent Wearable Brain, Computer interface System to assist Paralyzed People to perform Human – Computer Interaction, Published in ipindiaservices.gov.in