

PROFILE

Dr. Abdul Majeed,

Professor of Mathematics & Head of Basic Sciences & Humanities,

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PROFILE: *Dedicated for teaching.*

Academic Qualifications:					
Course	Subject	Area of Specialization	Name of the Institute/ University	Year of completion	% of marks
SSC	-	-	Govt High School, Miryalaguda	1988	70
Intermediate	M.P.C	-	Govt Jr College, Nalgonda	1990	70.6
B.Sc	M.P.C	-	NG College, Nalgonda, OU	1993	77.1
M.Sc	Mathematics	Applied Mathematics	Anwar-ul-ulom College, Mallepally, Osmania University	1995	91.25
M.Phil	Mathematics	Mathematics	Kakatiya University	2003	61.5
Ph.D	Mathematics	Graph theory	Kakatiya University	Jan, 2013	-
Awards:					
Received University Second Rank in M.Sc from Osmania University, Hyderabad.					

Accreditation responsibilities:		
NAAC-CRITERION-1 Coordinator		
NBA-CRITERION-8 Coordinator		
Teaching Experience: 29 Years		
1.	Assistant Professor, The Vazir Sultan College of Engineering, Khammam, Telangana.	July, 1996 to Aug, 2008
2.	Associate Professor, Guru Nanak Engineering College, Ibrahimpatnam, Hyderabad, Telangana.	Sep, 2008 to June, 2013
3.	Professor & Head, Muffakham Jah College of Engineering & Technology, Banjara Hills, Hyderabad, Telangana.	1 st July, 2013 to till date
Book Publications: FOUR		
1.	“Matrices and Differential Calculus”, ISBN: 978-93-5138-207-2, University Science Press(An Imprint of Laxmi Publications Pvt.Ltd), 2025	
2.	“Engineering Mathematics-I(Second edition)”, ISBN: 978-93-5138-207-2, University Science Press(An Imprint of Laxmi Publications Pvt.Ltd), 2017.	
3.	“Engineering Mathematics-II(Second edition)”, ISBN: 978-93-84872-60-1, University Science Press(An Imprint of Laxmi Publications Pvt.Ltd), 2017	
4.	“Engineering Mathematics-IV(First edition)” ISBN: 978-93-5274-487-9, University	

	Science Press(An Imprint of Laxmi Publications Pvt.Ltd), 2019
Research Paper Publications:23	
1.	“Applying the TOPSIS Method to Assess Public Transportation Performance: A case Study of Telangana Public Transport Service”, <i>Communications on Applied Nonlinear Analysis</i> , Vol 32, No. 8s, (2025), 39-47.
2.	“Application of Analytic Hierarchy Process in Engineering Education”, <i>Ratio Mathematica</i> , Vol 45, (2023), 267-279.
3.	“Analytic Hierarchy Process to Choose the Best Sector in the Software Industry for a New Software Engineer”, <i>Indian journal of science and technology</i> , (2024), 2150-2158.
4	“Inverse litact domination in graphs”, <i>Materials Today Proceedings</i> , 65, (2022), 3552-3557.
5.	“A computational method for normalization of Trapezoidal Fuzzy Numbers”, <i>Journal of Applied Mathematics and Statistical Analysis</i> , Volume 3, Issue 3, (2022), 1-5.
6.	“Selection of a Student for Annual Excellence Award: An Application of Trapezoidal Fuzzy AHP”, <i>Journal of Coastal Life Medicine</i> , 1/11, (2023), 981-988.
7.	“RESTRAINED DOMINATION IN SUBDIVISION OF A BLOCK GRAPH OF GRAPHS”, <i>International journal of recent scientific research</i> , Vol 12, Issue 08, (2021).
8.	“SPLIT LITACT DOMINATION IN GRAPHS”, <i>International Journal of Future Generation Communication and Networking</i> , Vol. 13, No. 3, (2020), 3642–3648.
9.	“EDGE LITACT DOMINATION IN GRAPHS”, <i>International Journal of Future Generation Communication and Networking</i> , Vol. 13, No. 3, (2020), 3636–3641.
10	“STRONG SPLIT LITACT DOMINATION IN GRAPHS”, <i>International journal of Recent Technology and Engineering(IJRTE)</i> , Volume-8, Issue-3, (2019).
11.	“CONNECTED EDGE LITACT DOMINATION IN GRAPHS”, <i>International Journal of Innovative Technology and Exploring Engineering(IJITEE)</i> , Volume-8, Issue-11, (2019).
12	TOTAL DOMINATION IN SUBDIVISION OF A BLOCK GRAPH OF GRAPHS, <i>International Journal of Management, IT & Engineering</i> , Vol.9, Issue 4(2), (2019).
13.	CONNECTED DOMINATION IN SUBDIVISION OF A BLOCK GRAPH OF GRAPHS, <i>International Journal of Recent Scientific Research</i> , Vol.10, Issue, 04(A), (2019), 31625-31628.
14.	EDGE DOMINATION IN SUBDIVISION OF BLOCK GRAPHS OF GRAPHS, <i>Journal of Emerging Technologies and Innovative Research (JETIR)</i> , Volume 6, Issue 4, (2019).
15.	“Strong Litact Domination in graphs”, <i>Jour of Adv Research in Dynamical & control Systems</i> , Vol.10, 10-Special Issue, (2018).
16.	“Total Litact Domination in Graphs”, <i>Jour of Adv Research in Dynamical & Control Systems</i> , Vol.10, 07-Special Issue, (2018).
17.	“Edge domination in Block subdivision graphs of Graphs”, <i>International Journal of Graph theory</i> , Vol 1, No.1, (2013), 1-8.
18.	“Total domination in Block subdivision graphs of Graphs”, <i>International Journal of Graph theory</i> , Vol 1, No.1, (2013), 9-16.
19.	“Bonds on Domination number of Block graphs of Graphs”, <i>J. Comp & Math. Sci</i> , Vol.3(2), (2012), 225-231.
20.	“Domination in Block subdivision graphs of Graphs”, <i>Impact J. Sci. Tech.</i> , Vol.6, No.1, (2012), 37-42.
21.	“Connected domination in Block subdivision graphs of Graphs”, <i>Mathematical Theory and Modeling</i> , Vol.2, No.6, (2012).
22.	“On Fixed-point-free and Perfect graphs”, <i>Ultra Science</i> Vol.21(1)M, (2009), 25-30.

23.	“Restrained domination in Block subdivision Graphs of Graphs”, <i>Pacific-Asian Journal of Mathematics</i> , Vol 6, No.2, (2012), 141-148.
Paper Presentations: TWO	
1.	“Split Litact Domination in graphs”, XXVI congress of APSMS & National Conference on Recent Advances in Mathematics, Aug, 2017.
2.	“Total Litact Domination in graphs”, XXVI congress of APSMS & National Conference on Recent Advances in Mathematics, Aug, 2017.
Conferences/Workshops/FDP Attended: EIGHT	
1.	Participated at the 2 nd International Conference on “Numerical Optimization in Engineering and Sciences” during 5 th to 7 th Dec, 2024 at NIT, Warangal.
2.	Attended and presented a paper in 3-days National Conference on Recent Advances in Mathematics & XXVI congress of APSMS from 11 th to 13 th Aug, 2017 at KU.
3.	One-week Short term training programme on Mathematical Modeling & Advanced Numerical Techniques from 2 nd to 7 th Dec, 2016 at NIT Warangal
4.	One week workshop on Mathematical Modeling in Engineering (MME-2013) at NIT, Warangal, Telangana in Dec, 2013.
5.	3-Day Engineering Colleges-Induction Programme from 13 th to 15 th July, 2018 at OU.
6.	Three days National workshop on Recent Advanced Techniques in Fluid Dynamics at Osmania University, Hyderabad in Dec, 2014.
7.	A one day Faculty Development Programme on Effective Methods of Teaching for Engineering Faculty at IPE, Osmania University, Hyderabad in Sep, 2012.
8.	Two days National conference on Industrial Mathematics at Vellore Institute of Technology, Chennai in Jan, 2003.
Workshops/FDP/Guest lectures/Quiz Organized:	
1	A guest lecture on “Science for Self-Reliance” by eminent professor Prof.Samrat L.Sabat, Director, R&D, University of Hyderabad, Hyderabad on the occasion of National Science Day-2023.
2	A guest lecture on “The N-Body Problem and its application to Galaxy Dynamics” by Prof.S.N.Hasan, Dept of Mathematics, MANUU, Hyderabad on the occasion of National Science Day-2023.
3	A guest lecture on “Raman Spectroscopy and Nano-materials” by Dr.V.Sunkara Manorama, Dept of Polymers and Functional Materials, IICT, Hyderabad on the occasion of National Science Day-2022.
4	A guest lecture on “Chemistry in Engineering” Dr.P.Saritha Rajender, Head and BoS Chairman, Dept of Chemistry, OU, Hyderabad on the occasion of National Science Day-2022.
5	Organized Webinar on “Role of Mathematics in emerging technologies” by Prof.H.P.Rani, Dept of Maths, NIT, Warangal on the occasion of National Science Day-2021.
6	A guest lecture on “Role of Women in Science & Technology” by Prof.P.Anantha Lakshmi, Dept of Physics, UoH, Hyderabad on the occasion of National Science Day-2020.
7.	A guest lecture on “How to bridge a gap between Science & Technology Research” by eminent professor Dr.Ch.Subrahmanyam, Professor in Chemistry, IIT, Hyderabad on the occasion of National Science Day-2019.
8.	A guest lecture on “Is there a life on MARS?” by Dr.Syed.Maqbool Ahmed, Principal Scientific Officer, University of Hyderabad on the occasion of National Science Day-2018.
9.	Two days National workshop on Mathematical Technology at Muffakham Jah College

	of Engineering & Technology, Hyderabad in June, 2014.
10.	A one day Faculty Development Programme on Engineering Mathematics at Guru Nanak Engineering College, Hyderabad in Sep, 2010.
11	Organizing QUIZ every year during Student fest ADSOPHOS.
12	Guest lecture on MATLAB by Prof.Ashok Kumar Pandey, IIT, Hyderabad on 15 th Mar, 2017.
13	Guest lecture on Applications of Partial Differential equations by Prof.T.Amarnath, HUC on 13-09-2013.
14	Organizing a National Science Day every year.
Contribution to Corporate Life and Management of the Institution	
1.	Member of Monitoring committee
2.	Member of Grievances Redressal Committee of MJCET
3.	Member of Students Welfare Committee in MJCET
4.	Member of R & D committee in MJCET
5.	Member of Review Committee Panel
6.	I year time-table incharge
7.	Member of Anti-ragging committee
8.	Head of the Department
Research Guidance(Awarded Ph.D for two candidates in JNTU, Kakinada under my supervision)	
1.	A.Renuka Lakshmi(Roll No: 14022PMT15), Topic: Some results on graph valued functions in domination theory.
2.	M.Vani(Roll No: 14022PMT16), Topic: Some recent litact domination results in graph theory.
BoS Member:	
1.	BoS member in Nalla Narsimha Reddy Engg College, Ghatkesar since 2021 to till date
2.	BoS member in Guru Nanak Institute of Technology, Ibrahimpatnam since 2022 to till date
3.	BoS member in Shadan Women's College of Engineering & Technology, Khairatabad since 2024 to till date
Membership in Professional bodies	
1.	Life Member of APSMS
2.	Life Member of ISTE
Personal information:	
Father's Name	Janab Gulam Jeelani sahab(Late)
Date of birth & Age	15-07-1972, 52 Years
Address	H.No.5-5-880/1, Jahangir nagar colony, Chintalkunta, Near LB Nagar, Hyderabad-500074
References:	
1.	Dr. T. Srinivas, Rtd Professor, Department of Mathematics, Kakatiya University, Warangal, Telangana, Mobile: 09866443836, email: thotasrinivas.srinivas@gmail.com.
2.	Dr. Syed Amanullah Hussaini, Associate Professor, Department of Mathematics, Muffakhham Jah College of Engg & Tech, Mobile:9290127174 , email: amanullah@mjcollege.ac.in

(Prof. ABDUL MAJEED)