

Dr. Abdul Majeed,

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Teaching Experience: 29 Years

1.	Assistant Professor, The Vazir Sultan College of Engineering, Khammam, Telangana.	July, 1995 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: THREE

1.	“Engineering Mathematics-I(Second edition)” published by Laxmi publications, New Delhi in 2016.
2.	“Engineering Mathematics-II(Second edition)” published by Laxmi publications, New Delhi in 2017.
3.	“Engineering Mathematics-IV(First edition)” published by Laxmi publications, New Delhi in 2019.

Research Paper Publications:22

1.	“Application of Analytic Hierarchy Process in Engineering Education”, Ratio Mathematica, Vol 45, 2023, 267-279
2.	“Analytic Hierarchy Process to Choose the Best Sector in the Software Industry for a New Software Engineer”, Indian journal of science and technology,2024, 2150-2158
3.	“Inverse litact domination in graphs”, Materials Today Proceedings, 65, pp.3552-3557, (2022)
4.	“A computational method for normalization of Trapezoidal Fuzzy Numbers”, Journal of Applied Mathematics and Statistical Analysis, Volume 3, Issue 3, (Sep, 2022)
5.	“Selection of a Student for Annual Excellence Award: An Application of Trapezoidal Fuzzy AHP”, Journal of Coastal Life Medicine, 1/11 (2023), 981-988
6.	“RESTRAINED DOMINATION IN SUBDIVISION OF A BLOCK GRAPH OF GRAPHS”, International journal of recent scientific research, Vol 12, Issue 08, Aug 2021
7.	“SPLIT LITACT DOMINATION IN GRAPHS”, International Journal of Future Generation Communication and Networking, Vol. 13, No. 3, (2020), pp. 3642–3648
8.	“EDGE LITACT DOMINATION IN GRAPHS”, International Journal of Future Generation Communication and Networking Vol. 13, No. 3, (2020), pp. 3636–3641
9.	“STRONG SPLIT LITACT DOMINATION IN GRAPHS”, International journal of Recent Technology and Engineering(IJRTE), Volume-8, Issue-3, September 2019.
10.	“CONNECTED EDGE LITACT DOMINATION IN GRAPHS”, International Journal of Innovative Technology and Exploring Engineering(IJITEE), Volume-8, Issue-11, September, 2019.
11.	TOTAL DOMINATION IN SUBDIVISION OF A BLOCK GRAPH OF GRAPHS,

	International Journal of Management, IT & Engineering, Vol.9 Issue 4(2), April, 2019
12.	CONNECTED DOMINATION IN SUBDIVISION OF A BLOCK GRAPH OF GRAPHS, International Journal of Recent Scientific Research, Vol.10, Issue, 04(A), pp.31625-31628, April, 2019
13.	EDGE DOMINATION IN SUBDIVISION OF BLOCK GRAPHS OF GRAPHS, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 6, Issue 4, April, 2019
14.	“Strong Litact Domination in graphs”, Jour of Adv Research in Dynamical & control Systems, Vol.10, 10-Special Issue, 2018.
15.	“Total Litact Domination in Graphs”, Jour of Adv Research in Dynamical & Control Systems, Vol.10, 07-Special Issue, 2018.
16.	“Edge domination in Block subdivision graphs of Graphs”, <i>International Journal of Graph theory</i> , Vol 1, No.1, pp 1-8 (2013) INDIA.
17.	“Total domination in Block subdivision graphs of Graphs”, <i>International Journal of Graph theory</i> , Vol 1, No.1, pp 9-16 (2013) INDIA.
18.	“Bonds on Domination number of Block graphs of Graphs”, <i>J. Comp & Math. Sci</i> , Vol.3(2), 225-231 (2012), INDIA.
19.	“Domination in Block subdivision graphs of Graphs”, <i>Impact J. Sci. Tech.</i> , Vol.6, No.1, 37-42 (2012), FIJI ISLANDS.
20.	“Connected domination in Block subdivision graphs of Graphs”, <i>Mathematical Theory and Modeling</i> , Vol.2, No.6 (2012), USA.
21.	“On Fixed-point-free and Perfect graphs”, <i>Ultra Science</i> Vol.21(1)M, 25-30 (2009), INDIA.
22.	“Restrained domination in Block subdivision Graphs of Graphs”, <i>Pacific-Asian Journal of Mathematics</i> , Vol 6, No.2, pp141-148 (2012), INDIA.
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, ICT, 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.
<i>Contribution to Corporate Life and Management of the Institution</i>	
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
<i>Research Guidance(Awarded Ph.D for two candidates in JNTU, Kakinada under my supervision)</i>	
1.	A.Renuka Lakshmi, Topic: Some results on graph valued functions in domination theory.
2.	M.Vani, Topic: Some recent litact domination results in graph theory.
<i>BoS Member:</i>	

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
<i>Membership in Professional bodies</i>	
1.	Life Member of APSMS
2.	Life Member of ISTE

Area of Expertise:

Graph Theory

Operations Research

Analytic Hierarchy Process

(Prof. ABDUL MAJEED)