Curriculum Vitae

Dr.Venkata

Senior Lecturer

Academic Support Department

Abu Dhabi Polytechnic

Al Ain

United Arab Emirates.

Personal Data

Date of Birth 29.05.1980

Sex Male

Nationality Indian

Current Work Place Al Ain, UAE

Total Experience 16 Years(5 Years Teaching at Post Graduation Level

and 11 Years of Engineering Teaching)

Pro le Summary

Educational Professional with a successful career of 16 years providing educational instructions to students of Science and Engineering in various branches at both graduate and post graduate level.

Discrete Mathematics

Elementary Mathematics College Algebra

Calculus-I

Calculus - II

Probability and Statistics Di erential Equations

Laplace Transforms Fourier Transforms Z-Transforms

Mathematical Methods Complex Analysis

Lattice Theory

1

Graph theory

Functional Analysis Topology

Fractal Geometry Linear Algebra Algebra

Educational Background

Ph.D., Mathematics (2012)

ANDHRA UNIVERSITY Visakhapatnam

INDIA

Master of Science, Mathematics (2003)

ANDHRA UNIVERSITY Visakhapatnam

INDIA

Percentage of marks: 66

Bachelor of Science,Mathematics (2000)

ANDHRA UNIVERSITY Visakhapatnam

INDIA

Percentage of marks: 75

Teaching Background

Determined student capabilities and utilized e ective teaching methods to educate students. Handled lecturing responsibilities successfully.

Instructed M.Sc, M.C.A students in the subjects Graph theory, Topology, Lattice Theory, Complex Analysis, Functional Analysis, Fractal Geometry, Discrete Mathematics.

Instructed M.Tech students in the subject Computational Methods.

Instructed B.Tech. students on diverse subjects including Engineering Mathematics-1, Engineering Mathematics-2, Discrete Mathematics, Mathematical Methods.

Conducted Campus Recruitment Training (CRT) classes in Quantitative ap-titude, Critical reasoning that helped students to get placed in several Multi National Companies.

Carried out debate sessions in regular classes to help students to understand the subject better.

Provided students with regular assignments for continuous evaluation of stu-dents understanding of the subject.

2

Evaluated student performance levels and recommended augmentations in study habits, which resulted in improved academic performance levels.

Trained students and sta in LATEX.

* Has worked as academic instructor for Andhra University School of Distance Education (Visakhapatnam,India) for the last 8 years

Professional History

Abu Dhabi Polytechnic Al Ain

UAE

From August 20,2017 to till date

Ibra College of technology Ibra

Sultanate of Oman

From Sep 2013 to Aug. 2017

M. V. G. R. College of Engineering Vizianagaram

India-535002

From 2012 June to Sep 2013

Assistant Professor of Mathematics(Rati ed by Jawaharlal Nehru Technolog-ical University)

SITAM-G.V.P Vizianagaram INDIA-535005

From 2011 June - 2012 June Assistant Professor of Mathematics.

Visakha Institute Of Technology & Science Visakhapatnam

INDIA-535005, From 2009 - 2011 Assistant Professor of Mathematics.

GMRIT Rajam INDIA-535002 From 2008 - 2009

Assistant Professor of Mathematics.

M. R. P. G. College Vizianagaram INDIA-535002 From 2003 - 2008

Assistant Professor of Mathematics(Rati ed by Andhra University)

3

Research Publications in International Journals

Semi complete graphs, International Journal of Computational Cognition, 2008, Vol.7(3),50 - 54.

Semi complete graphs - ii, International Journal of Computational Cognition, 2009, Vol.8(3),57 - 62.

Semi complete graphs - iii, Journal of the International Mathematical Virtual Institute, Vol.2(2012), 21-37.

On Path Connector Sets, International journal of Mathematics and Soft Com-puting , Vol.2, No.2, 2012, 55-65.

Semi complementary Graphs, Thai Journal of Mathematics, Vol.12,No.2, 2014, 175 - 183.

Semi Global Domination, International Journal Of Mathematical Archive, vol.3(7),2012, 2589-2593.

On Complementary Tree Vertex Edge Domination, Journal of International Mathematical Virtual Institute , Vol.3(1),2013, 77-83.

Global Neighborhood Domination, Proyecionnes Journal of Mathematics Vol.33(1),2014. Complementary Nil Vertex Edge Domination, Proyecionnes journal of mathe-

matics, Vol.34, No.1, 2015, 1 - 13.

Complementary Connected Vertex Edge Domination, Bulletin of the Interna-tional Mathematical Virtual Institute, Vol. 5, 2015, 103 - 114.

Complementary Nil Edge Vertex Domination, Palestine Journal of Mathemat-ics, Vol.5, No.2,2016.

Total Global Neighborhood Domination, Algebra and Discrete Mathematics, Vol.24, No.2, 2017, 320-330 .

Semi total vertex edge domination, Communicated to Thai Journal of Math-ematics.

Papers presented at International & National

Conferences

Semi Complete Graphs, XVIII Congress of Andhra Pradesh Society For Math-ematical Sciences, A.V.N.College,Visakhapatnam.

Semi Complementary Graphs, XIX Congress of Andhra Pradesh Society For Mathematical Sciences, Jyothishmati Institute Of Technology & Sciences,Karimnagar.

Complementary Nil Vertex Edge Dominating Sets, XX Congress of Andhra Pradesh Society For Mathematical Sciences, Swarna Bharathi Institute Of Technology & Science,Khammam.

On Some Results On Semi Complete Graphs, Recent Trends & Advances in Pure Mathematics,Gentella Sakunthalamma College,Vijayawada.

On Various Types Of Semi Complete Graphs, Accepted for Presentation at

4

the International Conference of Mathematicians-2010.

On Complementary Nil Vertex Edge Dominating Sets, International Confer-ence on Fluid Mechanics & Graph Theory, Christ University,Bangalore.

Complementary Tree Vertex Edge Dominating Sets, XXI Congress of Andhra Pradesh Society For Mathematical Sciences, Sri Venkateshwara University, Tirupati.

External Vertex Edge Domination, Recent Advances in Mathematical Sciences and Applications, Visakhapatnam, India.(Has been the invited speaker)

* Received "Best paper award " for my paper "Semi-Complementary Graphs" presented at the XIX Annual Congress of APSMS organized at JITS from 12th-14th November 2010.
* Executive Member Andhra Pradesh Society for Mathematical Sci-ences from 2010 to 2012

Life time member Andhra Pradesh Society for Mathematical Sciences.

Workshop/Refresher/Faculty Development Programmes attended

Attended a Two day National Workshop on "MATHEMATICAL TECHNIQUES AND THEIR APPLICATIONS TO ENGINEERING AND PHYSICAL PROB-LEMS" during May 23-May 24 ,2008,at Maharaj Vijayaram Gajapathi Raj College of Engineering,Vizianagaram,India.

Attended a One day National Workshop on "LATEST APPLICABLE TRENDS IN MATHEMATICAL SCIENCES - 2009" on August 7,2009,at Al-Ameer Col-lege of Engineering and Technology,Visakhapatnam,India.

Attended a Two day National Workshop on "RECENT TRENDS IN ALGE-BRA AND APPLICATIONS" during Dec 29 - Dec 31 ,2006,at Department of mathematics,Andhra University, Visakhapatnam,India.

Attended U.G.C sponsored "ORIENTATION COURSE "at Academic Sta College,Andhra University, Visakhapatnam,India during 15th April to 12th May, 2008 and obtained "A" grade.

Attended a Training programme on "INSTRUCTIONAL DESIGN AND DE-LIVERY SYSTEM" conducted by "National Institute Of Technical Teachers Training And Research, Chennai, Ministry Of Human Resource Development" during May 19-May 21 ,2008,at Maharaj Vijayaram Gajapathi Raj College of Engineering, Vizianagaram,India .

Attended a "REFRESHER COURSE" Organized by Department of Math-ematics, during May 14 - May 21,2003 at Andhra University, Visakhapat-nam,India.

5

Attended a Two day National Workshop on "APPLICATIONS OF MATHE-MATICS RELATED TO ENGINEERING " during Aug 29 - Aug 30 ,2008,at Aditya Institute of Technology and Management, Tekkali , Srikakulam Dis-trict,India.

Attended a National Seminar on "DISCRETE MATHEMATICS AND ITS APPLICATIONS"(DMAA-11) during Feb 10 - Feb 12 ,2011,at Gayathri Vidya Parishad College Of Engineering for Women, Visakhapatnam,India.

Attended National Workshop on "MATHEMATICAL TECHNIQUES AND APPLICATIONS IN ENGINEERING PROBLEMS" during Nov 6-Nov 7 ,2009,at GMRIT, Rajam,India.

Attended a National Conference on "RECENT DEVELOPMENTS IN MATH-EMATICS AND APPLICATIONS" during Nov 26 - Nov 28 ,2007,at Depart-ment of mathematics, Andhra University, Visakhapatnam,India.

Software Skills

Operating Systems: Windows 98, Windows XP Type setting system: LATEX IELTS Academic Band 7. IC3 GS4 77%

6