

Capt. M.S.V.D.SUDARSAN



Designation : Assistant Professor & Associate NCC Officer
E-Mail ID : msvdsudarsan@vrsiddhartha.ac.in,
Contact at : S&H-II/102, Department of Mathematics,
 Velagapudi Ramakrishna Siddhartha Engineering College,
 Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Mathematics)

Pursuing, Jawaharlal Nehru Technological University, Kakinada

M.Phil.(Applied Mathematics)

2007-2008, Sri Venkateswara University, Tirupati

M.Sc.(Applied Mathematics)

2001-2003, Sri Venkateswara University, Tirupati

B.Sc. (Mathematics, Chemistry, Industrial chemistry)

1998-2001, Nagarjuna University, Guntur

Experience

Period	Designation	Institution / Organization
2007- Till Date	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2004-2007	Lecturer	Sir C.R.Reddy P.G.Courses, Eluru
2003-2004	Lecturer	K.B.N.College , Vijayawada

Research Interests

Broad Area of Research :

- Mathematical Control Theory
- Non-Linear Dynamical systems and Applications

Honors and Awards

- Approval of Promotion to Next Higher Rank “CAPTAIN” w.e.f. 11-10-2018 vide NCC HQ, New Delhi Ir. No.0546/Promotion/NCC HQ/MS(ANO) dated 08-10-2018.
- Selected as Associate NCC Officer has been granted commission in NCC in the rank “LIEUTENANT” w.e.f. 11-10-2010 vide NCC HQ, New Delhi Ir. No. 2394/Comm/Cert/NCC HQ/MS(D) dated 24-12-2010.
- Best Associate NCC Officer for the Academic Year 2017-18 by Lt. Col. Jitendra Kumar and Col. Mahesh Kumar on occasion of NCC Day Celebrations Dec 2017 at Maris Stella College, Vijayawada.
- Best Lecturer Award In Mathematics for the Academic Year 2003-2004 by Managing Committee, Kakaraparthi Bhavanarayana Junior & Degree College [K.B.N], Vijayawada-1.

Courses Taught

- Intermediate-Algebra, Vector Algebra, Trigonometry, Probability.
- BCA- Fundamental Operations with numbers : Algebraic Expressions, Special Products, Factoring ; Fractions : Numbers, Equations in general ; Functions and Graphs, Linear Equations in one unknown , Simultaneous Linear Equations, Quadratic Equations in two unknowns, Mathematical Induction, Permutations and Combinations, Probability, Set Theory, Relations, Functions, Vectors & Matrices, Combinatorial Analysis, Ordered Sets & Lattices, Boolean Algebra, Logic Gates, Curves and Curve Fitting, Integration, First Order Differential Equations.
- MBA-Operations Research
- MCA-Probability And Statistics
- M.Sc.-Differential Equations, Real Analysis (Measure Theory), Number Theory – I & II.
- B.Tech.-I Year : Differential Calculus, Sequences And Series, Special Functions, Integral Calculus, Vector Calculus, Matrices, Differential Equations, Linear Dependence and Independence of Solutions, Laplace Transforms, Statistics
- II Year : Fourier Series, Fourier Transforms, Integral Transforms, Interpolation, Numerical Integration, Numerical Methods In Engineering, Probability & Statistics, Complex Analysis.

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Research Gate	https://www.researchgate.net/profile/Madhyannapu_Sri_Venkata_Durga_Sudarsan
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Invited Talks

No. of Invited Talks	01
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Professional Service / Reviewer

- Professional Service in National Cadet Corps-Army Wing-Senior Division
- Counsellor for Department of MCA Only on Sundays (Part Time), IGNOU Study Center, Vijayawada

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	13
International / National Level Seminars	00 / 11
International / National Level Conferences	06 / 06
Workshops	12
Instructor Led / Self-Paced Courses	00/02
Webinars	15

Professional Bodies Membership Details

LM No. 1182	Andhra Pradesh Society For Mathematical sciences(APSMS)
168755	International Association Of Engineers(IAENG)
OL12082015	Training Academy (OMEGAPLUS)

(Capt. M.S.V.D.SUDARSAN)
