

# RESUME

**S.S.V. DURGA PRAKASH VEPA,**  
M.Sc, B.Ed, M.Phil, (Ph.D).

E-mail: [vssvdprakash@gmail.com](mailto:vssvdprakash@gmail.com)

☎ +91 9849 411 611



## CAREER OBJECTIVE

To innovate better methods of teaching and to improve my research skills in the field of Mathematics.

## PROFILE

A hard working person and self-confidence always keen to upgrade the skills to excel in the profession and always ensure that the responsibilities given are justified fully.

## EDUCATIONAL QUALIFICATIONS

Examination	Name of the Board/University	Year of Passing	Specific area of Research	Percentage of Marks
Ph.D. (Submit within 3 months)	J.N.T.U.Kakinada	Pursuing	Wavelet applications in engineering	Pre PhD marks 70.50
M.Phil.	S.V.University Tirupati	2008	Application of wavelets to electrical load forecasting	69.50
B.Ed.	Andhra University	2004	----	75.16
M.Sc. (Applied Mathematics)	Andhra University	2002	----	65.10
B.Sc. (M.P.Chemistry)	Andhra University	1998	----	67.33
Intermediate	Board of Intermediate Education, A.P.	1995	----	67.90
S.S.C.	Board of Secondary Education, A.P.	1993	----	70.33

## **EXPERIENCE**

- Working as Assistant Professor in Mathematics in the Dept of BS&H in Gayatri Vidya Parishad College of Engineering for Women, Visakhapatnam from 30th March 2016.
- Worked as Assistant Professor in Mathematics in the Dept of BS&H in Vignan's Institute of Information Technology, Visakhapatnam from 07th December 2005 to 29<sup>th</sup> March 2016. (Ratified by JNTUK & JNTUH)
- Worked as Lecturer in Mathematics in the Dept of Engineering Mathematics in S.V.P. Engineering College, Visakhapatnam from 19th January 2005 to 06th December 2005.

## **MEMBERSHIP OF PROFESSIONAL SOCIETIES**

Life member of Andhra Pradesh Society for Mathematical Sciences

## **PUBLICATIONS IN INTERNATIONAL JOURNALS**

- Published paper "A study of different wavelets in Filtering of Load Signals" in the Far East Journal of Applied Mathematics (FJAM), pg nos: 191-201, ISSN: 0972-0960, Volume-92, No-3, September 2015. (Impact factor is 3.705)
- Published paper "Active Contours Techniques for Automatic Detection of Glaucoma" in the International Journal of Recent Technology and Engineering (IJRTE), pg nos: 29-31, ISSN: 2277-3878, Volume-1, Issue-4, October 2012. (Impact factor is 1)

## **PUBLICATIONS IN INTERNATIONAL / NATIONAL CONFERENCE PROCEEDINGS**

- Presented and published paper "A Short-Term electrical load forecasting model using Wavelets and ARIMA" for the IEEE conference "Advances in Communication, Navigation and Computer Networks (ACNCN-2012)" held at Andhra University, AU College of Engineering, Visakhapatnam on March 17th - 18th 2012.
- Presented and published paper "Short-term load forecasting using a combination of Discrete Wavelet transforms and Support vector machines" in Proceedings of "National Conference on applications of Mathematics in engineering sciences (NCAMES- 2011)" held at Andhra University College of Engineering (A), Visakhapatnam, June 29-30, 2011, India. (ISBN 978-81-909853-0-7), December 2012.

## **PAPERS PRESENTED /ACCEPTED**

- Presented paper "A multi-resolution based modeling and analysis of Inospheric parameters" in International conference on "Recent Inventions and Innovations in Mathematical Sciences-2019" held at A.U, Visakhapatnam from Feb 28-March 1.
- Presented paper "A wavelet based multiscale analysis of data" in the National conference on Emerging Trends in Mathematical Sciences and Engineering Applications held at JNTU Kakinada, 23- 24th May, 2014.
- Accepted paper "An analysis of determining trend using Discrete Wavelet transforms" in the "International Congress of Mathematicians 2010" held at Hyderabad, August 19-27, 2010, India.
- Presented paper "A forecasting methodology for short-term load forecasting using wavelets" in the "International Conference on Recent Development in Mathematical Sciences and their Applications (ICRDMSA-2010)" held at Kolkata, Dec 09-11, 2010 organized by Calcutta Mathematical Society.
- Presented paper "On some issues in the application of wavelet transforms to time series analysis" in the "National Seminar on Modern Trends in Applied Mathematics (NSMTAM-2010)" held at Andhra University, October 9-10, 2010, Visakhapatnam, India.

### **FDPs ATTENDED**

- "Analytics using R" at GVPCEW, Visakhapatnam From 13-17 Nov 2017
- Staff Development Programme in "Mathematical Applications in Engineering (MAE-09)" Sponsored by AICTE, New Delhi, organized by Department of Mathematics, Gayathri Vidya Parishad College of Engineering for Women, Visakhapatnam from 22<sup>nd</sup> June to 5<sup>th</sup> July 2009.

### **WORKSHOPS/CONFERENCES CONDUCTED**

- National Workshop On Real Time Applications of Integral Transforms & Differential Equations in Engineering and Sciences (NWRIDES-12) (Faculty Development Programme) at Vignan's Institute of Information Technology, Visakhapatnam on 27

### **CONFERENCES/ SEMINARS/ WORKSHOPS ATTENDED**

- Participated in AP SCIENCE CONGRESS-2017 at AU, Visakhapatnam From 7-9 Nov 2017.
- Participated in the "International Conference on Recent Advances in Mathematical Sciences and Applications (RAMSA-09)" organized by Prof. Lakshmikantham Institute of Advanced Studies (LIAS) and International Federation of Nonlinear Analysis at Gayathri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam from 19-22, December 2009.
- Participated in "XVII Congress of Andhra Pradesh Society for Mathematical Sciences and National Conference on Mathematical Modelling in Emerging Technologies" organized by Malla Reddy Engineering College, Secunderabad from February 13-15, 2009.
- Participated in National Workshop on "Content development for research Publications and teaching with emotional intelligence: Strategies and Approaches" Conducted by Dept of BS&H, Vignan's Institute of Information Technology, Visakhapatnam on 21st March, 2009.
- Participated in National Workshop on Numerical Methods in Engineering" organized by Department of Mathematics, National Institute of Technology, Warangal, from 4<sup>th</sup> to 5<sup>th</sup> April, 2008.
- Participated in National Workshop on "Algebra and analysis" organized by Department of Mathematics, Gayathri Vidya Parishad Degree College (autonomous), Visakhapatnam on 24<sup>th</sup> March, 2008.

### **AWARDS /ACHIEVEMENTS**

- Selected for Group-I mains in 2002.
- Received academic excellence award of cash prize of Rs. 2000/- for outstanding performance in I.B.tech, 2007 admitted batch, Mathematics-1 subject at Vignan's Institute of Information Technology, Visakhapatnam.

## PERSONAL PROFILE

*Name* : S.S.V. DURGA PRAKASH VEPA  
*Father's Name* : Vepa Bheema Sankaram  
*Date of Birth* : 29<sup>th</sup> June 1978.  
*Marital Status* : Married.  
*Languages Known* : Telugu and English  
*Religion and Caste* : Hindu and O.C  
*Present address* : D.NO: 49-55-6,  
Vidyut Nagar,  
Visakhapatnam, PIN: 530 024.  
*Permanent address* : P.K. Palli (Post),  
Vemulapudi S.O., AKASAHEBPETA,  
Visakhapatnam District,  
Andhra Pradesh, PIN: 531 117.  
*Contact numbers* : ☎ +91 9849 411 611  
☎ +91 949 123 1123  
*Subjects taught* : Mathematics-1, Mathematics-2,  
Mathematics-3, Probability and Statistics,  
Numerical Methods and Complex variables,  
Discrete Mathematics, Operations Research,  
Bio-Mathematics,

## DECLARATION

All the details given above are true and self keep into consideration that any misrepresentation of information will lead to action against the objective.

**PLACE: Visakhapatnam**

**DATE: 09-12-2019**

**(S.S.V. DURGA PRAKASH VEPA)**