CURRICULUM VITAE

M V V K SRINIVAS PRASAD
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Work Experience:

- Working as Assistant Professor in the Dept. Of Physics of K L University, Vaddeswaram, Guntur Dist., since 3rd August 2009.
    - Acted as Course Coordinator for the course Engineering Physics during the A.Y 2012-2013.
- Worked as Assistant Professor and JNTU examinations in-charge in DJR Institute of Engineering and Technology, Gudavalli, Vijayawada from September 2008 to June 2009.
- Worked as Lecturer in FED-II Dept. of Physics of Koneru Lakshmaiah College of Engineering, Vaddeswaram, Guntur Dist., from 28th of June 2006 to September 2008.
- Worked as Lecturer and In-charge Head of the Dept. of M.Sc Physics for Nalanda Degree and PG College from 27th of June 2005 to 27th of June 2006.
- Taught M.Sc Physics and Engineering Physics students (Distance Education) at Prabhas College, Vijayawada as part time.
- Worked as Junior Lecturer in Sri Chaitanaya College, Vijayawada for two years i.e. from May 2003 – 2005.

Subjects Handled:

Engineering Physics, Engineering Materials, Circuit Theory, Applied Physics, Material Science, Solid State Physics, Classical Mechanics, Numerical Methods, Mathematical Methods of Physics, Digital Electronics, 8085 Microprocessor and Intermediate Physics.

Labs Handled:

Engineering Materials, Engineering Physics, Analog and Digital Electronics and 8085 Microprocessor.

Academic Qualifications:

- Submitted Ph.D thesis titled “Spectroscopic Studies of Certain Transition Metal Ions Doped Pb_3O_4–M_2O–ZnO–P_2O_5 (M = Li, Na And K) Glasses” to Acharya Nagarjuna University under the able guidance of Prof. S Sreehari Sastry.
- M.Phil in Liquid Crystals from Acharya Nagarjuna University in 2006 with grade A 75%. The title of the thesis is “Induced Smectic G phase through intermolecular hydrogen bonding – Thermal and Phase behaviour of p-pentyl benzoic acid: p-(p’ – ethoxy benzylidene) – cyano aniline (5BA: EBCA)” under the able guidance of Dr. S Sreehari Sastry.
- M.Sc Physics (Pure Physics) from TSR and TBK College, Visakhapatnam affiliated to Andhra University in the year 2003 with 57%.
- B.Sc Electronics (Electronics, Physics and Mathematics) from P.B.Siddartha Arts and Science College, Vijayawada affiliated to Acharya Nagarjuna University in the year 2001 with 71%.
- 10+2 M.Bi.P.C (Mathematics, Physics, Chemistry and Biology) CBSE from Kendriya Vidyalaya No – 1, Vijayawada in the year 1998 with 59%.
- 10^{th} CBSE from Kendriya Vidyalaya No – 1, Vijayawada in the year 1996 with 61%.

Achievements:

- Awarded with Best Teacher Award for the A.Y. 2009 – 2010 & 2010 – 2011 by K L University.

Technical Qualification:

- Network Centered Software Engineering from NIIT.

IT Skill Set:

- Operating System : Windows98,NT,2000,ME,UNIX.
- Languages : C, C++, VB 6.0, HTML.
- DBMS, RDBMS : MS – Access, Sybase,Ms – SQL Server .
- Others : MS Office, Internet.

Publications:

1. Effect of Alkali modifier ion on the spectroscopic properties of Cu^{2+} doped lead zinc phosphate glass system, M V V K Srinivas Prasad et.al., Indian Journal of Physics, 89, 1169-1175 (2015).
2. Spectroscopic characterization of Nd^{3+} doped lead tungsten tellurite glasses for the NIR emission at 1062 nm, M V V K Srinivas Prasad et.al., Optical Materials, 39, 8-15 (2015).
3. Holmium doped lead tungsten tellurite glasses for green luminescent applications, M V V K Srinivas Prasad et.al., Journal of Luminescence, 163, 64-71 (2015).
4. Structural Investigations of Cr^{3+} ions doped Alkali Lead Zinc Phosphate Glasses. International Journal of Innovative Research in Science, Engineering and Technology, M V V K Srinivas Prasad et.al., 4, 1032-1039 (2015).
5. Spectroscopic and Physical properties of Mn^{2+} spin probe in RO-P_2O_5-ZnO-Pb_3O_4 (R=Li, Na and K) Glasses, M V V K Srinivas Prasad et.al., International Journal of Engineering Research and Applications, 5, 159-165 (2015).
6. Spectroscopic and bonding Properties of a probe in the symmetry of PbO-P_2O_5-ZnO-V_2O_5 glass system with alkali oxides, M V V K Srinivas Prasad et.al., International Journal of Innovative Research in Science, Engineering and Technology, 4, 1928-1934 (2015).
7. Pr3+ doped lead tungsten tellurite glasses for visible red lasers, M V V K Srinivas Prasad et.al., Ceramics International, 40, 6261-6269 (2014).
8. EPR and Optical Spectroscopy of Iron Doped Mixed Alkali Cadmium Phosphate Glasses, M V V K Srinivas Prasad et.al., ACTA PHYSICA POLONICA A, 123, 761-765 (2013).
9. Spectroscopic Method for Determination of Butylated Hydroxyanisole (BHA), Journal of Pharmaceutical Sciences and Research, 5, 35-37 (2013).

10. Design and Simulation of MEMS Based Piezoelectric Shear Actuated Beam. M V V K Srinivas Prasad et.al., American Journal of Materials Science 2 (6), 179 – 184 (2012).
11. Design and Analysis of MEMS based Composite Piezoelectric Ultrasonic Transducer. M V V K Srinivas Prasad et.al., Journal of Electrical and Electronic Engineering 2(6), 362 – 373 (2012).
12. Spectroscopic and Optical Properties of Nd^{3+} Doped Fluorine Containing Alkali and Alkali Earth Zinc-Aluminophosphate optical glasses. M V V K Srinivas Prasad et.al., Physica B, 404, 3717-3721 (2009).

Workshops/ Conferences/ Seminars Presented/ Attended:

- Presented paper titled “Effect of alkali oxide on optical and structural studies of MnO in Pb_3O_4-P_2O_5-ZnO glass” at Srikrishnadevaraya University, Anantapur during 26-27 March 2015
- Presented paper titled “Spectroscopic Studies on PbO-P_2O_5-ZnO-V_2O_5 glass system with alkali oxides” at two days National Conference on Current Trends in Soft Matter (NCCTSM – 2015) from 19th to 20th March 2015, at Central University of Tamil Nadu, Thiruvarur.
- Presented paper titled “Compositional dependence of spectroscopic properties of Cr^{3+} ions doped in Pb_3O_4- ZnO- P_2O_5 Glasses” at International Seminar on Glass and other Functional Materials (ISGFM – 2014) from 11th - 13th December 2014, at Acharya Nagarjuna University.
- Presented a poster titled “Effect of alkali modifier ion in spectroscopic properties of Cu^{2+} doped lead zinc phosphate glass system” at International Seminar on Glass and other Functional Materials (ISGFM – 2014) from 11th - 13th December 2014, at Acharya Nagarjuna University.
- Attended a National Workshop on “Nano Science and Technology for Device Application” conducted by center for Nano Science and Technology, Dept. of Physics, K L University, on 31st October 2011.
- Attended a Course on “Effective Teaching” as part on 2010 Indo-US Engineering Faculty Leadership Institute, from 7th – 9th July 2010, at K L University.

- Attended International Seminar on “Science and Technology of Glass Materials” conducted by Dept. of Physics, Acharya Nagarjuna University, from 16th – 19th March 2009, sponsored by UGC, DAE-BRNS, DST, CSIR and APCOST.
- Attended National Symposium on “Molecular Engineering of New Materials” conducted at Loyola College, Vijayawada from 5th – 7th Feb 2009, sponsored by AERB, CSIR, DRDO & DAE-BRNS.
- Presented a paper titled “Induced Smectic G Phase in Inter Molecular Hydrogen bended Liquid Crystal Part XXVII: Influence of Alkyl Chain Length of p-n-Alkyl Benzoic Acid: Heptyl-p-Hydroxy Benzoate on Thermal and Phase Behaviour” at “15th National Conference on Liquid Crystals” conducted by Indian Liquid Crystal Society and IIS’c, at IIS’c, Bangalore from 13th – 15th October 2008.
- Attended international workshop on “Frontiers of Atmospheric Physics And Technology” conducted at Yogi Vemana University, Kadapa, sponsored by Ministry of Earth Sciences, New Delhi, from Feb 20th to 22nd 2008.
- Attended National Workshop on “Vedic Sciences” in memory of Late. Professor V. Pandu Ranga Rao on the eve of 28th death anniversary, by Acharya Nagarjuna University and Institute of Scientific Research on Vedas, on 5th February 2008.
- Presented a paper titeld “ Induced Smectic G phase through intermolecular hydrogen bonding – Thermal and Phase behaviour of p-pentyl benzoic acid : p-(p’ – ethoxy benzylidene) – cyano aniline (5BA: EBCA)” at “National Symposium on Condensed Matter Physics “ conducted by post graduate dept. of Physics, Andhra Loyola College, Vijayawada, sponsored by DST,DIT, CSIR, DRDO & DAE-BRNS, from Nov 15th – 17th 2007.
- Attended international workshop on “Science and Applications of Nanostructured Materials” conducted at Sri Satya Sai Institute of Higher Learning, Prasanthinilayam, Puttabarthi from Nov 29th – Dec 1st 2006.
- Gave an interview at AIR (All India Radio) on “Liquid Crystals” for the programme Parisoodhana in Yuvavani on 11th Sep 2006.

- Attended National Symposium on “Recent Trends in Material Science” conducted at Loyola College, Vijayawada from 9th – 11th Feb 2006, sponsored by CSIR.
- Attended National Workshop on “Trends in Physics – 21st Century” conducted by P B Siddhartha College of Arts and Science, Vijayawada from 9th – 10th September 2005.

Personal Details:

Name	:	M V V K Srinivas Prasad
Fathers Name	:	M Sesha Sai
Date of Birth	:	1st December 1980
Nationality	:	Indian
Religion	:	Hindu
Mother Tongue	:	Telugu
Languages Known	:	English, Telugu, and Hindu
Sex	:	Male
Marital Status	:	Married

Date:

Place: (M V V K Srinivas Prasad)