

# CURRICULUM VITAE



## 1. PERSONAL INFORMATION

<b>Name</b>	<b>Dr. M.Venkateswarlu</b>
<b>Fathers Name</b>	Venkata Reddy
<b>Date of Birth</b>	30 <sup>th</sup> January 1978
<b>Martial Status</b>	Married
<b>Mailing Address</b>	C/O K.Suresh Babu, 8-18-7/1 Beside Nehruniketan school, Balaji Rao Pet, Tenali, Guntur(Dt) AP-522202
<b>Email-id</b>	<a href="mailto:mvrmpil@gmail.com">mvrmpil@gmail.com</a> <a href="mailto:mvrmpil@kluniversity.in">mvrmpil@kluniversity.in</a>
<b>Mobile No.</b>	+91-9490946373, +91-7036545286
<b>Total Experience</b>	<b>13 years 9 months</b> <b>Ratified Faculty Member From JNTU Hyderabad</b> <b>since 2006</b>

### 1. 2. Additional Responsibilities

- 1. Exam Cell (EDEP) In-Charge from 2004 to 2009 in JNTU affiliated College ( MeRITS & SRIST) ( 6 Years)**
- 2. Exam Cell Member in K L University from 2011 to 2015 (4 Years)**
- 3. Engineering Materials Lab In-Charge since 2015 in K L University.**
- 4. NAAC Criteria -5 In-Charge in Freshmen Engineering Dept.**
- 5. IQAC Files**

## 6. NBA Files

## 7. News Letter In-Charge of Dept. of Physics

### 2. QUALIFICATION

#### 2.1 S.S.C

<b>Name of the Qualification</b>	S.S.C
<b>Name of the Institution</b>	ZPP High School, Pedacherlo palli, Prakasam (Dt.), A.P
<b>Subjects</b>	Maths, Physical and Natural sciences, Social studies, English, Hindi and Telugu
<b>Period of study</b>	1993
<b>Percentage of Marks</b>	63%
<b>Division</b>	<b>First Class</b>

#### 2.2 Intermediate

<b>Name of the Qualification</b>	Intermediate
<b>Name of the Institution</b>	MNM Jr College, Kanigiri, Prakasam(Dt.), A.P.
<b>Branch</b>	M P C
<b>Period of study</b>	1993-1995
<b>Percentage of Marks</b>	67.1%
<b>Division</b>	<b>First Class</b>

#### 2.3 Graduation

<b>Name of the Degree</b>	B.Sc
<b>Name of the Institution</b>	ETN & L Degree College, Pamur (Affiliated to ANU)
<b>Branch</b>	M P C
<b>Period of study</b>	1995-1998
<b>Percentage of Marks</b>	68%
<b>Division</b>	<b>First Class</b>

## 2.4 Post Graduation

<b>Name of the Degree</b>	M. Sc Physics
<b>Name of the Institution</b>	Bapatla Engineering College, Bapatla (Affiliated to Acharya Nagarjuna University)
<b>Specialization</b>	Solid State Physics
<b>Period of study</b>	2001-2003
<b>Percentage of Marks</b>	65%
<b>Division</b>	<b>First class</b>

## 2.5 M.Phil

<b>Name of the Degree</b>	M.Phil
<b>Name of the Institution</b>	Acharya Nagarjuna University, Nagarjuna Nagar, Guntur(Dt)
<b>Specialization</b>	Dielectrics
<b>Period of study</b>	2004-2006
<b>Grade</b>	<b>A</b>

## 2.6 Doctoral

<b>Name of the Degree</b>	Ph.D
<b>Name of the Institution</b>	K L University, Vaddeswaram – 522 502, Guntur(Dt), A.P
<b>Specialization</b>	Spectroscopic properties of Rare-Earth doped glasses (Glass Science & Technology)
<b>Period of study</b>	2010-2016
<b>Date of Award of the Degree</b>	9 <sup>th</sup> January 2016
<b>Title of the Thesis</b>	<b>Luminescent Characterization of certain Rare Earth ions (<math>\text{Pr}^{3+}</math>, <math>\text{Nd}^{3+}</math>, <math>\text{Ho}^{3+}</math> and <math>\text{Tm}^{3+}</math>) doped Lead Tungsten Tellurite Glasses</b>

### 3. EXPERIENCE

#### 3.1. Academic Experience

<b>Duration</b>	<b>Aug 2003 – April 2004 ( 8 Months)</b>
<b>Designation</b>	Lecturer
<b>Name &amp; Address of the Organization</b>	Praksam Engineering College, Kandukur,Prakasam(Dt) Andhra Pradesh
<b>Subjects Taught</b>	2. Solid State Physics

<b>Duration</b>	<b>August 2004- August 2008</b>
<b>Designation</b>	Asst. Professor
<b>Name &amp; Address of the Organization</b>	Mekapati Raja Mohan Reddy Institute of Technology & Science, Udayagiri, Nellore (Dt.), A.P
<b>Subjects Taught</b>	Engineering Physics Applied Physics Solid State Physics

<b>Duration</b>	<b>August 2008- June 2009</b>
<b>Designation</b>	Assistant Professor
<b>Name &amp; Address of the Organization</b>	Sri Raghavendra Institute of Science & Technology, Vinjamur, Nellore (Dt.), A.P
<b>Subjects Taught</b>	Solid State Physics

<b>Duration</b>	<b>June 2009- Till to date</b>
<b>Designation</b>	Assistant Professor
<b>Name &amp; Address of the Organization</b>	K L University, Vaddeswaram, Guntur (Dt.), A.P
<b>Subjects Taught</b>	Engineering Physics, Engineering Materials

### 3. RESEARCH PUBLICATIONS (15 International Publications)

1. **Dy<sup>3+</sup> ions doped single and mixed alkali fluoro tungsten tellurite glasses for LASER and white LED applications**  
Ch. B. Annapurna Devi, Sk. Mahamuda, **M. Venkateswarlu**, K. Swapna, , A. Srinivasa Rao and G. Vijaya Prakash  
**“Optical Materials” (In Press) Available online 23<sup>rd</sup> November 2016**  
**(Impact Factor- 2.183)**
2. **Luminescence Spectral Studies of Tm<sup>3+</sup> ions doped Lead Tungsten Tellurite Glasses For Visible Red and NIR applications**  
**M. Venkateswarlu**, Sk. Mahamuda, K. Swapna, , A. Srinivasa Rao, A. Mohan Babu, Suman Shakya and G. Vijaya Prakash  
**“Journal of Luminescence” 175 (2016) 225-231 (Impact Factor- 2.719)**
3. **Holmium doped Lead Tungsten Tellurite Glasses for Green Luminescent Applications**  
**M. Venkateswarlu**, Sk. Mahamuda, K. Swapna, M. V. V. K. S. Prasad, A. Srinivasa Rao, A. Mohan Babu, Suman Shakya and G. Vijaya Prakash  
**“Journal of Luminescence” 163 (2015) 64-71 (Impact Factor- 2.719)**
4. **Visible, Up-Conversion and NIR (~ 1.5 μm) Luminescence Studies of Er<sup>3+</sup> doped Zinc Alumino Bismuth Borate Glasses**  
K. Swapna, Sk. Mahamuda, **M. Venkateswarlu**, A. Srinivasa Rao, M. Jayasimhadri, Suman Shakya and G. Vijaya Prakash  
**“Journal of Luminescence” 163 (2015) 55-63 (Impact Factor-2.719)**
5. **Spectroscopic studies of Nd<sup>3+</sup> doped Lead Tungstun Tellurite glasses for the NIR emission at 1062nm**  
**M. Venkateswarlu**, Sk. Mahamuda, K. Swapna, M. V. V. K. S. Prasad, A. Srinivasa Rao, A. Mohan Babu, Suman Shakya and G. Vijaya Prakash  
**“Optical materials” 39 (2015) 8-15. (Impact Factor- 2.183)**
6. **Spectral characterization of Sm<sup>3+</sup> ions doped Oxy-fluoroborate glasses for visible orange luminescent applications**  
Sk. Mahamuda, K. Swapna, **M. Venkateswarlu**, A. Srinivasa Rao, Suman Shakya and G. Vijaya Prakash

**Journal of Luminescence 154 (2014) 410-424 (Impact Factor- 2.719)**

7. **Pr<sup>3+</sup> doped Lead TungstenTellurite Glasses for Visible Red Lasers**

**M.Venkateswarlu**, M.V.V.K.S.Prasad, K.Swapna, Sk.Mahamuda, A. Srinivasa Rao, A. Mohan Babu and D. Haranath

**“Ceramics International” 40 (4) (2014) 6261-6269. (Impact Factor- 2.605)**

<b>Total Number of Citations</b>	<b>47</b>
<b>h-index</b>	<b>3</b>
<b>i 10-index</b>	<b>2</b>

<https://scholar.google.com/citations?hl=en&user=mzBMeAUAAAAJ>

**NATIONAL / INTERNATIONAL CONFERENCES / SEMINARS / WORK SHOPS ATTENDED AND PAPER PRESENTATIONS.**

1. **Participated in Two weeks “Science Academies Refresher Course in Experimental Physics (SARCEP-2016)” sponsored by Indian Academy of Sciences-Bangalore, Indian National Science Academy-New Delhi and The National Academy Sciences-Allahabad, India, during 14<sup>th</sup> -29<sup>th</sup> June 2016 held at K L University, Guntur (Dt.), Andhra Pradesh, India**
2. **Organized an Inspire camp – 2015 on 16<sup>th</sup> - 20<sup>th</sup> December, 2015** sponsored by DST, Govt. of India at K L University, Guntur (Dt.), Andhra Pradesh, India.
3. **Organized an Inspire camp – 2015 on 29<sup>th</sup> June- 3<sup>th</sup> July, 2015** sponsored by DST, Govt. of India at K L University, Guntur (Dt.), Andhra Pradesh, India.
4. **National Conference on “Emerging Trends of Advanced Functional Materials (NCAFM-2015)”** held on **3 – 4<sup>th</sup> September 2015** at Department of Physics, K L University, Guntur (Dt.), Andhra Pradesh, India.
5. **Two day National Workshop** on **“Intellectual property Rights and Scholarly Publishing Tools for Quality Research”** held on **9<sup>th</sup> -10<sup>th</sup> May 2015** organized by the Central Library jointly with R&D Division at K L University, Guntur (Dt.), Andhra Pradesh, India.
6. **Two day National Workshop** on **“Emerging Trends in Renewable Energy (NWETR-2015)”** held on **18<sup>th</sup> -19<sup>th</sup> March 2015** at the Department of Electrical & Electronics Engineering and Centre for Advanced Energy Studies at K L University, Guntur (Dt.), Andhra Pradesh, India.

7. **5<sup>th</sup> International Conference** on “*Luminescence and its Applications (ICLA-2015)*” held on 9-12<sup>th</sup> February 2015 at Bangalore, India and presented a paper entitled “**Holmium doped Lead Tungsten Tellurite Glasses for Green Luminescent Applications**”
8. **National Seminar** on “*Multi Functional Materials Synthesis and Applications (MFMSM-2015)*” held on 23<sup>rd</sup> & 24<sup>th</sup> January 2015 at Department of Physics, The Hindu College, Machilipatnam, Krishna (Dt.), Andhra Pradesh, India
9. **International Seminar** on “*Glasses and other Functional Materials (ISGFM-2014)*” held on 11<sup>th</sup> – 13<sup>th</sup> December 2014 at Department of Physics, Acharya Nagarjuna University, AP, India and presented a paper entitled “**Spectral Charecterization of Sm<sup>3+</sup> ions doped oxy-fluoroborate glasses for visible orange luminescent applications**”.
10. **International Seminar** on “*Glasses and other Functional Materials (ISGFM-2014)*” held on 11<sup>th</sup> – 13<sup>th</sup> December 2014 at Department of Physics, Acharya Nagarjuna University, AP, India and presented a paper entitled “**Visible, Up-Conversion and NIR (~ 1.5 μm) Luminescence Studies of Er<sup>3+</sup> doped Zinc Alumino Bismuth Borate Glasses**”.
11. **International Seminar** on “*Glasses and other Functional Materials (ISGFM-2014)*” held on 11<sup>th</sup> – 13<sup>th</sup> December 2014 at Department of Physics, Acharya Nagarjuna University, AP, India and presented a paper entitled “**Spectroscopic studies of Nd<sup>3+</sup> doped Lead Tungsten Tellurite Glasses for the NIR emission at 1062 nm**”.
12. **National workshop** on “*Recent trends in Device materials (RTDM-2013)*” held on 8-10<sup>th</sup> November 2013 at NIT Warangal, Warangal, A.P, India.
13. **International workshop** on “*Role of Material Science in Engineering & Medicine*” held on 1<sup>st</sup> & 2<sup>nd</sup> October 2013 at Krishna Teja Technical Campus, Tirupathi, A.P, India.
14. **National conference** on “*Recent trends in Nano Science and Technology for Device Applications (RNTDA-2013)*” held on 4<sup>th</sup> &-5<sup>th</sup> April 2013 at K L University Vijayawada, A.P, India and presented a paper entitled “**spectroscopic properties of Ho<sup>3+</sup> doped Zinc Alumino Bismuth Borate glasses**”.
15. **National seminar** on “*Multi Functional materials (NSMFM-2013)*” held on 6<sup>th</sup> and 7<sup>th</sup> March 2013 at Andhra Loyola College (Autonomous), Vijayawada, A.P, India and

presented a paper entitled “spectroscopic properties of Pr<sup>3+</sup> doped Zinc Alumino Bismuth Borate glasses”.

16. **National seminar** on “*Multi Functional materials (NSMFM-2013)*” held on 6<sup>th</sup> and 7<sup>th</sup> **March 2013** at Andhra Loyola College (Autonomous), Vijayawada, A.P and presented a paper entitled “**Visible Luminescence characteristics of Sm<sup>3+</sup> doped Zinc Alumino Bismuth Borate glasses**”.
17. **National seminar** on “*Multi Functional materials (NSMFM-2013)*” held on 6<sup>th</sup> and 7<sup>th</sup> **March 2013** at Andhra Loyola College (Autonomous), Vijayawada, A.P and presented a paper entitled “**Photo-Luminescence properties of Pr<sup>3+</sup> doped Fluoro Tungstate Tellurite glasses**”.
18. **National conference** on “*Luminescence and its application (NCLA 2013)*” held on 8-10<sup>th</sup> **January 2013** at PES Institute of technology, Bangalore and presented a paper entitled “**concentration dependence of spectroscopic properties of Nd<sup>3+</sup> doped Zinc Alumino Bismuth Borate glasses**”.
19. **National work shop** on “*Alternative energies – A thrust on solar thermal & photo voltaic*” held on 28<sup>th</sup> **December 2012** at K L University, Vaddeswaram, and A.P.
20. **National workshop** on “*Nano Science & Technology for Device Applications*” held on 31<sup>st</sup> **of October 2011** at K L University, Guntur, A.P.
21. **Theme meeting on “Laser Glass Science & Technology”** held on 1<sup>st</sup> & 2<sup>nd</sup> **March 2011.**, Sponsored by GOVT of India, Dept. of Atomic Energy – Board of Research in Nuclear sciences , India, organized by Dept. of Physics, S V University, Tirupati, AP., India.
22. **International Workshop on on “Materials – Nano Tachnology”** IUCEE ( Indo US Colabration for Engineering Education) Course held on July 12<sup>th</sup> to 16<sup>th</sup> **July 2010**, in SVNIT., Surat, Gujarat, India.
23. **The course on “Effective Teaching as a part of the 2010 Indo-US Engineering Faculty Leadership Institute”** on 7-9<sup>th</sup> **July 2010** at K L University, Vaddeswaram, Guntur (Dt.), A.P.
24. “ **National Conference on Ferroics NCF 06**” held on 30<sup>th</sup> **June and Ist July 2006.**, sponsored by BRNS and DRDO at CVR college of Engineering, Vastu Nagar, Mangalam Palli, Ibrahim Patnam, R R Dist., AP.



#### 4. REFERENCES

S. No.	Name & Designation	Contact Number
1	Dr. A. Srinivasa Rao Department of Applied Physics Delhi Technological University New Delhi	085860 39007 Mail ID: <a href="mailto:drsallam@gmail.com">drsallam@gmail.com</a>
2	Dr. G. Vijay Prakash Associate Professor Indian Institute of Technology- Delhi Hauz Khas, New Delhi-110016	09818659298 Mail ID: <a href="mailto:prakash@physics.iitd.ac.in">prakash@physics.iitd.ac.in</a>
3.	Dr. Jaya simhadri Department of Applied Physics Delhi Technological University New Delhi	



**(Dr. M. Venkateswarlu)**