

CURRICULAM VITAE

1. Name : Dr.C. Nageswara Raju
2. Designation : Professor in Physics
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6. Date of Birth : 01.05.1966



7. EDUCATIONAL QUALIFICATIONS:

S.No	Degree	Subjects	Board/ University	Year of passing	Class /Division
1	S.S.C	General	Board of Secondary Education, Hyderabad	1981	First
2	Inter	M.P.C	Board of Intermediate Education, Hyderabad	1983	First
3	B.Sc.	M.P. S	Sri Venkateswara University	1986	Distinction
4	M.Sc.	Physics	Sri Venkateswara University	1988	First
5	PGDCA	Comp. Appli.	Sri Krishnadevaraya University	1990	First
6	B.Ed	Physics I & II	Annamalai University	1991	Second
7	M.Phil.	Physics	Manonmonian Sundarnar University	2003	First
8	Ph.D	Physics	Sri Venkateswara University	2007	First
9	MCA	Comp. Apppli.	Madurai Kamaraj University	2008	First
10	M.Tech.	CSE	Acharya Nagarjuna University	2010	First

6. EMPLOYMENT DETAILS:

S.No	Name & address of Institute	Designation	From date	To date	Total period	Job Type
1	Govt. College for Men(A), Kadapa	Professor	13.09.2021	Till-date	3y 1m	Regular, UGC-RPS 2016 with PB 14
2	S.V.Degree College, Kadapa	Professor	16.04.2014	12-09-2021	7y 5m	Regular, UGC Scales with 10000 AGP
3	-do-	Associate Professor	16.04.2011	15.04.2014	3y	Regular, UGC Scales with 9000 AGP
4	-do-	Reader	16.04.2008	15.04.2011	3y	Regular, UGC Scales with 8000 AGP
5	-do-	Lecturer (Sr. Scale)	16.04.2004	15.04.2008	4y	Regular, UGC Scales with 7000 AGP
6	-do-	Lecturer	16.04.1999	15.04.2004	5y	Regular, UGC Scales With 6000 AGP
7	-do-	Lecturer	17.01.1997	16.04.1999	2y 3m	Regular (State Scales)
8	-do-	Lecturer	01.08.1991	16.01.1997	5y 5 m	Part- Time

8) Teaching experience: Only UG 9 yrs and UG+PG: 24 Yrs

9) Research experience: 21 Yrs

10) Responsibilities Held/performing:

- Coordinator M.Sc Physics from 2004-17
- In-Charge, Computer Science (UG & PG) from 1997 - 2021.
- JKC Coordinator from 2009- 2016
- Coordinator, Value Education Cell from 2013- 2016.
- College Nodal Officer, NIRF 2016 to Till date
- College Nodal Officer, AISHE 2013 to Till date
- Academic Adviser for Academic Audit to various colleges from 01.03.2014.
- Coordinator, UGC, from January, 2016- 2021.
- Member, Board of Studies in Computer Science (UG & PG), Yogi Vemana University, Kadapa.
- Coordinator, LMS Studio Centre from May 2024 to till-date.

11. **Award:** State Level 'Best Teacher Award - 2010' by Govt. of A.P

UGC Sponsored Conferences Organized:

- National Conference on "Advances in Nanomaterials, Devices and Technologies" on 11-12 July 2009 .
- National Conference on "Recent Trends in Material Science" on 01-02 March, 2015 .

DST Sponsored INSPIRE Internship Science Camps Organized

- First Camp from 21-25th September, 2016 at SVDC, Kadapa, A.P.
- Second Camp from 10-15th December, 2016 at SVDC, Kadapa, A.P.
- Third Camp from 14-18th October, 2017 at SVDC, Kadapa, A.P.
- Fourth Camp from 11-15th July, 2018 at SVDC, Kadapa, A.P.

Projects Completed:

- UGC-SERO, Hyderabad Sponsored Minor Research Project as Principal Investigator
- UGC, New Delhi Sponsored Major Research Project as Co-principal Investigator
- CSIR, New Delhi Sponsored Major Research Project as Co-principal Investigator
- UGC, New Delhi Sponsored Major Research Project as Principal Investigator

Research Guidance:

- Awarded one M.Phil in 2011 from SKU, Anantapur
- Awarded one Ph.D in 2016 from JNTUA, Anantapur
- Awarded one Ph.D in 2021 from JNTUA, Anantapur

Papers presented Abroad:

- Participated & Presented two papers in the Asia Oceania Geosciences Society Meeting 2009 (AOGS 2009) at Suntec, Singapore, August, 11-15, 2009.

Title (Oral): Ground Based Lidar Observations of Anomalies in Middle Atmospheric Temperature Profiles over a Tropical Station, Gadanki

Title (Poster): Lidar Observations of Stratospheric Aerosol over Gadanki

Papers presented in International Conferences/workshops in India:

- Participated & Presented a paper in the International workshop on "Frontiers of Atmospheric Physics and Technology" organized by Department of Physics, Yogi Vemana University, Kadapa, India, February, 20-22, 2008. **Title: Laser Radar observations of stratospheric aerosol**
- Presented a paper in the International Conference on Advanced Computing Technologies organized by School of Computing, GRIET, Hyderabad, India, 26-27, December, 2008.

Title: Discovery of Objects through Radio Frequency

- Participated & Presented two papers in the Asia Oceania Geosciences Society Meeting 2010

(AOGS 2010) at Novatel, Hitechcity, Hyderabad, India July, 05-09, 2010.

Title (Oral): Lidar Observations of Middle Atmospheric Thermal Structure over Gadanki

Title (Poster): Occurrence of Double Stratopause in Temperature Profiles Over Gadanki

- Participated and presented a paper in "International Conference on Advances in Mathematical and Computational Methods" jointly organized by Dept. of Mathematics & Computer Science, Sri Padmavathi Mahila University, Tirupati, India, January 05-07, 2011.

Title: Efficient Hybrid Clustering Methods for Large Datasets

- Participated and presented a paper in "4th International Conference on Luminescence and its Applications" jointly organized by RGUKT, Hyderabad, IICT, Hyderabad and Luminescence Society of India, February 07-10, 2012.

Title: Optical properties of Sm³⁺ and Dy³⁺ : Cdo-Bi₂O₃-B₂O₃ Glasses

- Participated and presented a paper in "International Conference on Nano Science and Engineering Applications" organized by JNTU, Hyderabad, June 26-28, 2014

Title: Synthesis Process And Luminescence Properties Of Pr³⁺: Bagd₂ti₄O₁₂ Ceramics

- Participated and presented a paper in “International Conference on Applications of Fluid dynamics” organized by Department of Mathematics, Sri Venkateswara University, Tirupati, India, July, 21-23, 2014.

Title: Chemical reaction effects on MHD free convective flow over an inclined porous plate in slip flow regime

- Participated and presented a paper in “International Conference on Materials processing and Applications” organized by VIT University, Vellore, December 14-16, 2016.

Title: Optical analysis of Ho³⁺ ions doped BaGd₂Ti₄O₁₂ Ceramics

- Participated and presented a paper in “International Conference on Science, Technology and Rare Earths” organized by Department of Physics, Sri Venkateswara University, Tirupati, India, September, 23-25, 2018.

Title: Spectroscopic properties of Nd³⁺ doped bismuth borate glasses for photonic applications

- Participated and presented a paper in “2nd International Conference on Nano Science and Engineering Applications” organized by JNTU, Hyderabad, October 04-06, 2018

Title: Luminescence Behavior of Nd³⁺ Doped Bismuth Borate Glasses for Photonic Applications

Papers presented in National Conferences/Workshops:

- Participated & Presented a paper in the National conference on “Smart Materials and Recent Technologies” organized by Department of Physics, Sri Venkateswara University, Tirupati, India, February, 22-23, 2007.

Title: Radioactive materials for space applications

- *Participated and presented a paper in “National Conference on Intelligent Systems & Communications” organized by Dept. of MCA, Sri Padmavathi Mahila University, Tirupati, India, December 02-04, 2009.*

Title: New design issues for Security in Intelligent Information System

- *Participated and presented **Six papers** in National conference on Advances in Nanomaterials, Devices and Technologies*

- *presented in UGC Sponsored “National Conference Materials for Energy Storage and Conversion” (NCMESC-2010) organized by Dept. of Physics, Sri Venkateswara University, Tirupati, India, January 23-24, 2010 and presented the following paper entitled*

1. *Spectral analysis of Eu³⁺ and Tb³⁺ ions doped Zinc lead borotellurite glasses and*
2. *Optical Characterization of RE³⁺ (Eu³⁺ and Tb³⁺): Zinc lithium bismuth borate glasses*

- *Participated and presented a paper in “National Conference on Intelligent Systems & Communications” organized by Dept. of MCA, Sri Padmavathi Mahila University, Tirupati, India, September 10-11, 2010.*

Title: Intelligent Management of Network through Mobile Agent

- *Participated and presented a paper in “National Conference on Novel Materials and their Applications” organized by N.S.Science & Arts College, Bhadravati, Nagapur, India, 18th December, 2010.*

Title: Optical Properties of Dy³⁺ ions doped B₂O₃-Bi₂O₃-ZnO-Li₂O glasses

- Presented a paper in “National Seminar on Climate Change and its Adaption” organized by Dept. of Microbiology, St. Francis Degree & PG College, Hyderabad, India, January 20-21, 2011.

Title: Effect of Global Warming on Climate Change and its Adaption

- Participated & Presented in National Seminar on “Mathematical Modeling in Science and Technology” organized by Department of Mathematics and Statistics at SKR & SKR Govt. Degree College for Women from 27th to 28th February 2013 in Kadapa.

Title: Presented the paper entitled “ Morphological Image Processing”

- Participated & Presented two papers in “National Conference on Innovations in IT & Engineering (IITE2k13)” organized by Dept. of Computer Science, S.V.University, Tirupati, India, April 20-22, 2013.

Titles: 1. Mining Methods for Uncertain Data and
2. Sequence alignment algorithms using dynamic programming technique

- Participated & Presented a paper in one day “National seminar on Nanomaterials & Nanotechnology” organized by Dept. of Physics, Govt. Degree College, Puttur, India, 2nd October, 2013.
- Participated & Presented a paper in “National Conference on Recent Advances in Material Science” organized by Dept. of Physics, Loyola Degree College, Pulivendula, India, 1st & 2nd November, 2014.
- Participated & Presented a paper in one day “National seminar on Recent Trends in Material Science” organized by Dept. of Physics, S.V. Degree College, Kadapa, India, 1st & 2nd March, 2015.
- Participated & Presented a paper in “National seminar on Research Challenges and Issues in Big data & cloud computing” organized by Dept. of Computer Applications, YVU, Kadapa, India, 27-28th March, 2015
- Participated & Presented a paper in “National Conference on Luminescence and its Applications” organized by Dept. of Physics, RTM Nagpur University, Nagpur, India, 18-20th February, 2016.
- Participated & Presented a paper in “National Conference on ICT Empowered Teaching, Learning and Evaluation” organized by IQAC, SSBN Degree College(A), Anantapuram, India, 16-17th December, 2016.
- Participated & Presented a paper in “National workshop on Emerging Trends in Academics & Research YVU, Kadapa, India, 28th February & 1st March, 2017
- Participated & Presented a paper in “National seminar on Advance Trends in Material Science” organized by Dept. of Physics, GDC Men (A), Kadapa, India, 10th March, 2017.

Full Papers Published in International Conference Proceedings:

1. *Discovery of Objects through Radio Frequency (2008)*
2. Ground Based Lidar Observations of Anomalies in Middle Atmospheric Temperature Profiles over a Tropical Station, Gadanki (2010)
3. Lidar Observations of Stratospheric Aerosol over Gadanki (2010)
4. *Efficient Hybrid Clustering Methods for Large Datasets (2011)*
5. Optical properties of Sm^{3+} and Dy^{3+} : $\text{CdO-Bi}_2\text{O}_3\text{-B}_2\text{O}_3$ Glasses (2012)
6. Graphical method to find optimal cluster centroid for Two-Variable Linear functions of concept drift categorical data
7. Optical Absorption and emission spectra of Cu^{2+} , Mn^{2+} and Ni^{2+} : Cadmium lead Boro Tellurite Glasses
8. Optical Absorption and NIR Emission spectral studies of Er^{3+} and Nd^{3+} : Zinc Lithium Bismuth Borate Glasses
9. Synthesis process and Luminescence properties of Pr^{3+} , $\text{Ba}_2\text{Ti}_4\text{O}_{12}$ Ceramics

Full Papers Published in National Conference Proceedings:

1. *New design issues for Security in Intelligent Information System (2009)*
2. *Intelligent Management of Network Through Mobile Agent (2010)*
3. Effect of Global Warming on Climate Change and its Adaption (2011)
4. Emission Analysis of RE^{3+} ($\text{RE}=\text{Eu}, \text{Tb}$): $\text{CdO- Li}_2\text{O- B}_2\text{O}_3$ Glasses (2013)

Conferences/Seminars/Schools/Workshops Attended:

- Participated in the UGC Refresher Course in Chemical Physics from 22-09-2003 to 12-10-2003 conducted by Dept. of Physics, V.R. College, Nellore.
- Participated in the IV Winter School on Indian MST Radar Jointly conducted by National MST Radar facility, Dept. of Space and Department of Physics, Sri Venkateswara University, Tirupati, India, January 21-30, 2004.
- Participated in the INTAR(International Tropical Atmospheric Radars) conducted by National MST Radar facility, Dept. of Space Gadanki, Tirupati, India, January 21-22, 2005.
- Participated in the “National Seminar on Atmospheric Science” at S.K. University, Anantapur, India, February 24-25, 2005.

- Participated in the UGC sponsored orientation programme from 18.01.2006 to 14.02.2006 conducted by Academic staff college, S.V.University, Tirupati
- Participated in the International Workshop on “Technical & Scientific aspects of MST Radar” conducted by National Atmospheric Research Laboratory, Sri Venkateswara University, Tirupati, India, December, 11-15, 2006.
- Participated in the School on Radar and Lidar Remote Sensing of the Atmosphere held at S.V. University, Tirupati and National Atmospheric Research Laboratory, Gadanki, India, March, 07-11, 2007.
- Participated in the UGC Refresher Course in Educational Technology from 12-11-2007 to 01-12-2007 conducted by Academic staff college, S.V.University, Tirupati
- *Participated in “National Information Technology Colloquium-08” organized by Dept. of MCA, S.V.University, Tirupati, India, March 06-08, 2008.*
- *Participated in “National Conference on Emerging Trends in Computer Science & Technology” organized by Dept. of Computer Science, Sri PadmathiMahilaViswaVidyalayam, Tirupati, India, March 12-13, 2008.*
- Participated in the National Seminar on “Natural Resources and Natural Disasters” organized by Department of Physics, Yogi Vemana University, Kadapa, India, January, 19-20, 2009.
- Participated in the Master Resource Persons Training Programme on Total Solar Eclipse” organized by Department of Science and Technology and Tamilnadu Science and Technology Centre, Chennai, India, June, 23-25, 2009.
- Participated in Faculty Development programme from 05-1-2010 to 23-1-2010 at S.V.PG College, Kadapa conducted by APITCO, Hyd & sponsored by DST, New Delhi.
- Participated in the UGC Refresher Course in Information Technology from 22-02-2010 to 13-3-2010 conducted by Academic staff college, S.V.University, Tirupati
- *Participated in “National Conference on Emerging Trends of Computing Technologies” organized by GRIET, Hyderabad, India, March 18-19, 2013.*
- ***Participated in the 5 day Master Trainers Training Programme on “A Foundation Course in Human Values and Professional Ethics” organized CCE & IIIT, Hyderabad from 20-24, May 2013.***
- Participated in the UGC sponsored National Seminar on “Recent Trends in Digital Image Processing and Applications” organized by Department of Computer Applications at Y.V.University, Kadapa from 17th to 18th February 2014.
- Participated in the DRC workshop on “Human Values and Professional Ethics” organized by SKR&SKR Govt.College for Women, Kadapa 25th January 2015.
- Participated in the one day seminar on “Continuous Internal Assessment in Promoting Quality Education” organized by Loyola Degree College, Pulivendula on 27th March 2017.
- Participated in the one day workshop on “Accrediting the Unaccredited institutions in South Eastern Region” organized by UGC-SERO at Dr.B.R Ambedkar Open University, Hyderabad on 01.10.2018 .

Membership in professional bodies/societies:

Member Asia Oceania Geosciences Society (AOGS) from 2009-13

Member European Geophysical Union (EGU) from 2009-13

Life Member Indian Physics Association

Life Member Computer Society of India

List of Publications

S.No	Title, Authors and name of the Journal
1	Synthesis, Photoluminescence and Thermoluminescence properties of Sm^{3+} and Dy^{3+} ions doped barium gadolinium titanate ceramics S. Hemasundara Raju, B.Muni Sudhakar, B.Sudhakar Reddy, S.J.Dhoble, K.Thyagarajan, C. Nageswara Raju* Ferroelectrics Letters Section , 41:1-3, 9-19, DOI: 10.1080/07315171.2014.908680
2	Optical absorption and NIR emission spectral studies of Er^{3+} and Nd^{3+} : Zinc lithium bismuth borate glasses M. Bhushana Reddy, S.Sailaja, C. Nageswara Raju , B. Sudhakar Reddy Journal of Optics (2013) DOI:10.1007/s12596-014-0189-6
3	Luminescence properties of RE^{3+} ($\text{RE}=\text{Eu}, \text{Tb}$) ions doped barium gadolinium titanate ceramics S.Hema Sundara Raju, , B.Muni Sudhakar, B. Sudhakar Reddy, S.J.Dhoble, Young-Dahl Jho, C. Nageswara Raju* Luminescence: The J.Bio. Chem.Lumin. (2013) DOI 10.1002/bio.2633
4	Emission analysis of $\text{CdO} - \text{Bi}_2\text{O}_3 - \text{B}_2\text{O}_3$ glasses doped with Eu^{3+} and Tb^{3+} C. Nageswara Raju , S. Sailaja, S. Hemasundara Raju, S.J. Dhoble, U. Rambabu, Young-Dahl Jho, B.Sudhakar Reddy Ceramics International (2013) , http://dx.doi.org/10.1016/j.ceramint.2013.12.111
5	Optical Analysis of Dy^{3+} : $\text{CdO}-\text{Bi}_2\text{O}_3-\text{B}_2\text{O}_3$ Glasses S. Sailaja, C. Nageswara Raju , C. Adinarayana Reddy, S. Hemasundara Raju, U. Rambabu, B. Sudhakar Reddy Ferroelectrics Letters Section , 40:30–40, 2013
6	Optical properties of Sm^{3+} -doped cadmium bismuth borate glasses S. Sailaja, C.Nageswara Raju , C. Adinarayana Reddy, B. Deva Prasad Raju, Young-Dahl Jho, B. Sudhakar Reddy Journal of Molecular Structure 1038 (2013) 29–34
7	Emission analysis of Sm^{3+} and Dy^{3+} : $\text{Ba}_3\text{Y}_2\text{WO}_9$ ceramics K. Vemasevana Raju, C.Nageswara Raju , S. Sailaja, S.J. Dhoble, B. Sudhakar Reddy Journal of Luminescence 134 (2013) 297–302
8	Judd-Ofelt analysis and photoluminescence properties of RE^{3+} ($\text{RE} = \text{Er} \& \text{Nd}$): Cadmium lithium boro tellurite glasses K. Vemasevana Raju, C.Nageswara Raju , S. Sailaja, B. Sudhakar Reddy Solid State Sciences 15 (2013) 102-109.
9	Emission analysis of RE^{3+} ($\text{RE} = \text{Sm}, \text{Dy}$): $\text{B}_2\text{O}_3-\text{TeO}_2-\text{Li}_2\text{O}-\text{AlF}_3$ glasses C. Nageswara Raju , S. Sailaja, S. Pavan kumari, S.J.Dhoble, V. Ramesh Kumar, M.V. Ramanaiah, B. Sudhakar Reddy Luminescence: The J.Bio. Chem.Lumin 2013; 28:162-168
10	Emission Properties of RE^{3+} ($\text{RE} = \text{Eu}, \text{Tb}$): $\text{CdO}-\text{Li}_2\text{O}-\text{B}_2\text{O}_3-\text{TeO}_2$ Glasses K. Vemasevana Raju, C. Nageswara Raju , S. Sailaja, U.Rambadu, B. Sudhakar Reddy Ferroelectrics Letters Section , 39: 117-127,2012
11	Emission analysis of Pr^{3+} and Tm^{3+} : $\text{Ca}_2\text{Gd}_2\text{W}_3\text{O}_{14}$ phosphors S. Sailaja, S.J. Dhoble, C. Nageswara Raju , B. Sudhakar Reddy Physica B: Condensed Matter 407 (2012) 103-107.
12	Judd-Ofelt theory-Optical absorption and NIR emission spectral studies of Nd^{3+} : $\text{CdO} - \text{Bi}_2\text{O}_3 - \text{B}_2\text{O}_3$ glasses for laser applications C.Nageswara Raju , C. Adinarayana Reddy, S.Sailaja, Hyo Jin Seo, B. Sudhakar Reddy Journal of Materials Science (2012) 47: 772-778.
13	Spectroscopic investigations of Eu^{3+} & Tb^{3+} : cadmium lead boro tellurite glasses P.Giridhar, Hyo Jin Seo, S.Sailaja, M.Bhushana Reddy, C.Nageswara Raju , B.Sudhakar Reddy Glass Physics and Chemistry , 2012, Vol. 38, No.1, pp. 77-84.
14	Effect of concentration on the photoluminescence properties of Sm^{3+} & Dy^{3+} : Cadmium lithium boro tellurite glasses K.Vemasevana Raju, S. Sailaja, M.Bhushana Reddy, P.Giridhar, C.Nageswara Raju , B.Sudhakar Reddy Journal of Nanoscience and Nanotechnology Vol.12,1662-1666, 2012.
15	Optical Characterization of Eu^{3+} and Tb^{3+} Ions Doped cadmium lithium alumino fluoro borotellurite Glasses K.Vemasevana Raju, S.Sailaja, C. Nageswara Raju , B.Sudhakar Reddy Spectrochimica Acta Part-A 79 (2011) 87-91.
16	Synthesis, the effect of rare earth ion concentration and temperature on luminescence properties of Eu^{3+} : $\text{Ba}_3\text{Y}_2\text{WO}_9$ ceramics K. Vemasevana Raju, S. Sailaja, C.Nageswara Raju , B. Sudhakar Reddy Journal of Luminescence 131 (2011) 1438-1442.
17	Spectroscopic investigations of Sm^{3+} ions doped $\text{B}_2\text{O}_3 - \text{Bi}_2\text{O}_3 - \text{ZnO} - \text{Li}_2\text{O}$ glasses M. Bhushana Reddy, S. Sailaja, K. Vemasevana Raju, P. Giridhar, C. Nageswara Raju, B. Sudhakar Reddy Ferroelectrics Letters Section 38: 40-50, 2011.

18	Optical properties of Dy ³⁺ ions doped B ₂ O ₃ -Bi ₂ O ₃ -ZnO-Li ₂ O glasses Bhushana Reddy, S. Sailaja, C. Nageswara Raju , B. Sudhakar Reddy Search and Research 2 (2011) 13-15.
19	Sol-gel synthesis, structural and optical properties of rare earth ions (Sm ³⁺ or Dy ³⁺) activated Ca ₃ Ga ₂ Si ₃ O ₁₂ powder phosphors M. Bhushana Reddy, C.Nageswara Raju , S. Sailaja, B.Vengala Rao, B. Sudhakar Reddy Journal of Luminescence 131 (2011) 2503-2508.
20	Optical analysis of Sm ³⁺ and Dy ³⁺ ions doped cadmium lead boro tellurite glasses P. Giridhar, S. Sailaja, M. Bhushana Reddy, K.Vemasevana Raju, C. Nageswara Raju , B. Sudhakar Reddy Radiation Effects and Defects in Solids, iFirst, 2011, 1–10.
21	Spectroscopic investigations of Er ³⁺ : CdO- Bi ₂ O ₃ - B ₂ O ₃ glasses C. Nageswara Raju , C. Adinarayana Reddy, S. Sailaja, Hyo Jin Seo, B. Sudhakar Reddy Luminescence: The J.Bio. Chem.Lumin (2011)
22	Spectroscopic studies of RE ³⁺ (RE= Eu, Tb, Sm & Dy): Lithium lead boro tellurite glasses P.Giridhar, S. Sailaja, M.Bhushana Reddy, K. Vemasevana Raju , C. Nageswara Raju , B. Sudhakar Reddy Ferroelectrics Letters Section 38: 1-10, 2011.
23	Synthesis and luminescence properties of Ca ₃ Ga ₂ Si ₃ O ₁₂ : RE ³⁺ (RE =Eu /Tb) powder phosphors M. Bhushana Reddy, S. Sailaja, K.Vemasevana Raju, C.Nageswara Raju , P.Giridhar, B.Vengala Rao , B. Sudhakar Reddy Luminescence: The J.Bio. Chem.Lumin (2011)
24	Indo-Japanese Lidar Observations of the Tropical Middle Atmosphere during 1998 and 1999 Y. Bhavani Kumar, C. Nageswara Raju , M. Krishnaiah Advances In Atmospheric Sciences, 23(5) (2006), 711-725
25	POur-NIR:Modified Node Importance Representative for Clustering of Categorical Data S.Viswanadha Raju,N.Sudhakar Reddy, H.Venkateswara Reddy, G.Sreenivasulu , C.NageswaraRaju , International Journal of Computer Science and Information Security, Vol. 9 No. 4, April 2011, 146-150
26	Synthesis Process and Luminescence Properties Of Pr ³⁺ : Bagd2ti4O12 Ceramics S.Hemasundara Rajua, K.Thyagarajanb, B.Sudhakar Reddya, C.Nageswara Raju* ScienceDirect: Materials Today: Proceedings 2 (2015) 4463 – 4467 doi: 10.1016/j.matpr.2015.10.050
27	Investigation on physical, structural and optical properties of Er ³⁺ - doped bismuth borate glasses for optical fiber amplifier applications B. Munisudhakar, C. Nageswara Raju* , M. Reddi Babu, N.Manohar Reddy, A. Mohan Babu,L. Rama Moorthy 2019 JETIR January 2019, Volume 6, Issue 1 www.jetir.org (ISSN-2349-5162)
28	Investigation on Structural and Luminescence Properties of Dy ³⁺ - ions Doped Bismuth Borate Glasses for Optoelectronic Devices B. Munisudhakar, C. Nageswara Raju* , M. Reddi Babu, A. Mohan Babu, L. Rama Moorthy and N.Manohar Reddy 2019 JETIR January 2019, Volume 6, Issue 1 www.jetir.org (ISSN-2349-5162)
29	Luminescence characteristics of Nd ³⁺ doped bismuth borate glasses for photonic applications B. Munisudhakar, C. Nageswara Raju* , M. Reddi Babu, N. Manohar Reddy, L. Rama Moorthy Materials Today: Proceedings journal homepage: www.elsevier.com/locate/matpr https://doi.org/10.1016/j.matpr.2019.05.349
30	Optical analysis of RE ³⁺ (Sm or Dy): B ₂ O ₃ -P ₂ O ₅ -CaF ₂ - ZnO – (Li ₂ O/ Na ₂ O/ K ₂ O) glasses G.Mouluka, S.Sailaja, J.Santhoshi Vijetha, S.Hajira, B. Naveen Kumar Reddy, C.Nageswara Raju , B. Sudhakar Reddy* Ferroelectrics 61 (2023)



Signature of the Candidate