

Name

Dr.A Mohan Babu



Born

June 15, 1985

Designation

Professor & Director

Contact Address

Narsimha Reddy Engineering College

Maisammaguda, Hyderabad , Telangana-500100, India

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Nationality

Indian

Religion

Hindu

Category

OC

Passport No.

V0993076, issued at Tirupati, Andhra Pradesh (India)

Duties

Currently serving as the Director, Narsimha Reddy Engineering College, Hyderabad, Telangana for Strategy, Operations, Overall general administration, Research and Development, Placements and Human Resource Development. My research interests include education policy, faculty development, understanding organizational development in higher education, and integration of technology and entrepreneurship in engineering education and also generate funds to institution from funding agencies like DST, DRDO, ACIC, NSTEDB and MSME etc.,

- *Well-versed with the procedure of being accredited with Autonomous, NAAC, NBA and NIRF for engineering institutions.*
- *Enacted and accomplished the high success of achieving NAAC–A+ grade for Institutions.*
- *A seasoned master of upholding very good placements from legendary MNCs every year.*
- *Foster an academic-centered, student-focused learning community to promote academic and career enrichment system by organising FDPs, Conferences and Seminars.*
- *Developed and implemented a comprehensive schedule of programs and services to meet the diverse needs of Career professionals.*

Teaching Experience 18 Years

Research Experience 17 Years

Academic Qualifications

Course	Year of Completion	Institution	Board/University	Division
Ph.D (Physics)	2011	Sri Venkateswara University, Tirupati	Sri Venkateswara University, Tirupati	-
MSc (Physics)	2007	Sri Venkateswara University, Tirupati	Sri Venkateswara University, Tirupati	First Class
Degree (BSc)	2005	Sri Venkateswara University, Tirupati	Sri Venkateswara University, Tirupati	First Class
Intermediate	2002	S V Junior College, Tirupati	Board of Intermediate Education, A.P.	First Class
SSC	2000	Z P High School, Bhakarapeta	Board of Secondary Education, A.P.	First Class

Teaching / Research Experience

Designation	University / Institution	Period	
		Joining	Leaving
Professor & Director	Narsimha Reddy Engineering College, Hyderabad, Telangana-500100	November 2022	Till Date
Professor & Director	Audisankara Group of Institution, Gudur, Tirupati Dt., Andhra Pradesh, India	March 2019	November 2022
Associate Professor & Director (R&D Cell)	Chadalawada Ramanamma Engineering College, Tirupati, Andhra Pradesh, India	January 2010	February 2019

Main Areas of Research Interest

- Rare Earth Spectroscopy
- Material Science Fiber amplifiers
- Electronic properties of materials
- Phosphors
- Ceramics
- Nano Technology
- Oxide and Non-oxide Glasses
- Quantum Dots
- Laser Spectroscopy

Awards

- Best Director Award by the Computer Society of India (CSI) for Academic Year 2024.
- Junior Research Fellowship Award in 2007, Defense Research and Development Organization (DRDO), Govt. of India, New Delhi, India, entitled “An Investigation on the energy transfer and frequency up conversion of rare earth doped laser glasses”

PhD Students Guided:

S.No	Name of the Student	Hall Ticket No.	University	Awarded Year
1	M Reddi Babu	13PHD0244	VIT University	2018
2	N Jaya Dass	14PHD0475	VIT University	2019

Research Funding

- Successfully completed two research projects sanctioned from DST-SERB (Rs.22,56,000), DAE-BRNS (Rs.18,85,500), Govt. of India during the period 2013-2016.
- Monitoring Govt. funded projects such as INSPIRE, DST-FIST, DSIR, SCIENCE FAIR projects for the benefit of students, faculty and college.
- Received Grant of 5.0 Crores from ACIC Incubation Center, NITI Aayog Govt. of India in the year 2019-20 to support and encourage community driven innovation and transformation in the local community of Nellore district, one among the 24 centres in India

Ongoing and Completed Projects

S.No	Name of the Organization	Sanction No	Title of the project	Worth of the project
1	DAE-BRNS, Govt. of India.	No.2012/34/72/BRNS/2968, dated18.03.2013	Preparation for... Fiber amplifiers	Rs.18,85,500
2	DST (Young Scientist)	Dy. No. SERB/F/4229 dated 4.10.2013	Preparation for... optical amplifiers	Rs.22,56,000
3.	DST -SERB	Applied	Development of Rare earth ions doped glasses for Optoelectronic devices	Rs. 35,00,000

Publication Brief

Number of Research Papers Publications	56
• International Journals	42
• Proceedings in Conference	14
• Text Books	02
• h-index	23
• i-10 index	32
• Total citations	2172

Can be seen from
<https://scholar.google.co.in/citations?user=ims9OhsAAAAJ&hl=en>

Research Publications

1. Shaik Nayab Rasool, Shaik Shabeena, Culala Rajasekharaudiyar Kesavulu, Singarapu Babu, **Asanapuram Mohan Babu**, Vemula Venkatramu, “*Erbium (III) ion – doped borate – based glasses for 1.53 μm broad band applications*”, Luminescence, Vol. 37, Issue 5 (2022).
2. V.Chandrappa, Ch.Basavapoornima, C.R.Kesavulu, **A.Mohan Babu**, Shobha Rani Depuru, C.K.Jayasankar, “*Spectral Studies of Dy³⁺ : Zincphosphate glasses for white light source emission applications: A comparative study*”, Journal of Non-Crystalline Solids, Vol. 583, Issue 3 (2022).
3. Malliga Subramanian, Narasimha Prasad L.V, Janakiramaiah, **Mohan Babu A**, Sathishkumar VE, “*Hyperparameter Optimization for Transfer Learning of VGG16 for Disease Identification in corn leaves using Bayesian Optimization*”, Big Data, Vol. 10, Issue 3 (2022).
4. G.Kalyani, B.Janakiramaiah, L.V.Narasimha Prasad, A.Karuna, **A.Mohan Babu**, “*Efficient crowd counting model using feature pyramid network and ResNext*”, Application of soft computing”, Vol. 25, PP. 10497 – 10507 (2021).
5. B. Munisudhakar, C. Nageswara Raju, M. Reddi Babu, N.Manohar Reddy, **A. Mohan Babu**, L. Rama Moorthy, “*Investigation on structural and luminescence properties of Dy³⁺ ions doped bismuth borate glasses for optoelectronic devices*”, International Journal of Advanced Scientific Research and Management Vol.4, Issue 3 (2019), ISSN: 2455-6378.
6. B.Munisudhakar, C. Nageswara Raju, M. Reddi Babu, N.Manohar Reddy, **A. Mohan Babu**, L. Rama Moorthy, “*Investigation on physical, structural and optical properties of Er³⁺ doped bismuth borate glasses for optical fiber amplifier applications*”, Journal of Emerging Technologies and Innovative Research Vol. 6, Issue 1 (2019), ISSN: 2349-5162.
7. M. Reddi Babu, **A. Mohan Babu**, L. Rama Moorthy, “*Structural and optical properties of Nd³⁺ doped lead borosilicate glasses for broadband laser amplification*”, International Journal of Applied Engineering Research, Vol. 13, No. 10 (2018), ISSN: 0973-4562.
8. N. Jaidass, C. Krishna Moorthi, **A. Mohan Babu**, M. Reddi Babu, “*Luminescence properties of Dy³⁺ doped lithium zinc borosilicate glasses for photonic applications*”, Heliyon, Vol. 4, Issue 3 (2018).
9. M. Reddi Babu, N. Madhusudhana Rao, **A. Mohan Babu**, “*Effect of erbium ion concentration on structural and luminescence properties of lead borosilicate glasses for fiber amplifiers*”, Luminescence, Vol. 33, Issue 1 (2018), 71-78.
10. Sk. NayabRasool, T. Sasikala, **A. Mohan Babu**, L. Rama Moorthy, C. K. Jayasankar “*Optical spectroscopy, 1.06 μm emission properties of Nd³⁺ doped Phosphate based Glasses*”, Spectrochimica Acta Part A:Molecular and Biomolecular spectroscopy, Volume 180, Issue 5 (2017), 193-197.
11. M. Reddi Babu, N. Madhusudhana Rao, **A. Mohan Babu**, “*Structural and Spectral studies of Nd³⁺ doped Lead Borosilicate Glasses for photonic application*”, MMSE Journal, 9 (2017), 8-12.

12. N. Jaidass, C. Krishna Moorthy, **A. Mohan Babu**, M. Reddi Babu, "Spectroscopic properties of Sm^{3+} doped Lithium Zinc Borosilicate Glasses", MMSE Journal, 9 (2017), 16-20.
13. M. Reddi Babu, N. Madhusudhana Rao, **A. Mohan Babu**, N. Jaidass, C. Krishna Moorthy, L. Rama Moorthy, "Structural and Luminescent Investigation of Eu^{3+} doped Lead Borosilicate Glasses", AIP Conference Proceedings, 1728 (2016), 1-5.
14. M. Venkateswarlu, Sk. Mahamuda, K. Swapna, A. Srinivasa Rao, **A. Mohan Babu**, Suman Shakya, D. Haranath, G. Vijaya Prakash, "Luminescence spectral studies of Tm^{3+} ions doped Lead Tungsten Tellurite glasses for visible Red and NIR applications", Journal of Luminescence, 175 (2016), 225-231.
15. M. Reddi Babu, N. Madhusudhana Rao, **A. Mohan Babu**, N. Jaidass, C. Krishna Moorthy, L. Rama Moorthy, "Effect of Dy^{3+} ions concentration on optical properties of lead borosilicate glasses for white light emission", Optik, Volume 127, Issue 5 (2016), 3121-3126.
16. M. Venkateswarlu, Sk. Mahamuda, K. Swapna, M.V.V.K.S Prasad, A. Srinivasa Rao, Suman Shakya, **A. Mohan Babu**, G. Vijaya Prakash, "Holmium doped Lead Tungsten Tellurite glasses for green luminescent applications", Journal of Luminescence, 163 (2015), 64-71.
17. M. Venkateswarlu, Sk. Mahamuda, K. Swapna, M.V.V.K.S Prasad, A. Srinivasa Rao, Suman Shakya, **A. Mohan Babu**, G. Vijaya Prakash, "Spectroscopic studies of Nd^{3+} doped lead tungsten tellurite glasses for the NIR emission at 1062 nm", Optical Materials, 39 (2015), 8-15.
18. M. Venkateswarlu, M.V.V.K.S Prasad, K. Swapna, Sk. Mahamuda, A. Srinivasa Rao, **A. Mohan Babu**, D. Haranath, " Pr^{3+} doped lead tungsten tellurite glasses for visible red lasers", Ceramics International, 40 (2014), 6261-6269.
19. T. Chengaiah, C. K. Jayasankar, **A. Mohan Babu**, L. Rama Moorthy, " $Eu^{3+} - Dy^{3+}$ co-doped $Na_3Gd(PO_4)_2$ phosphors for white light luminescence", Materials Express, 4 (2014), 153-158.
20. T. Sasikala, L. Rama Moorthy, **A. Mohan Babu**, T. Srinivasa Rao, "Effect of co-doping Tm^{3+} ions on the emission properties of Dy^{3+} ions in tellurite glasses", Journal of Solid State Chemistry, 203 (2013), 55-59.
21. K. Pavani, L. Rama Moorthy, J. Suresh Kumar, **A. Mohan Babu**, "Energy transfer and luminescence properties of Tm^{3+} ions in calcium fluoroborate glasses for fiber amplifiers", Journal of Luminescence, 136 (2013), 383-388.
22. T. Sasikala, L. Rama Moorthy, **A. Mohan Babu**, "Optical and luminescent properties of Sm^{3+} doped tellurite glasses", Spectrochemical Acta Part A: Molecular and Biomolecular Spectroscopy, 104 (2013), 445-450.
23. S. Abdul Saleem, B. C. Jamalaihah, T. Sasikala, **A. Mohan Babu**, M. Jayasimhadri, L. Rama Moorthy, "Erbium-Doped Fluoroborate Glasses for Near Infrared Broadband Amplifiers", International Journal of Applied Glass Science, 2 (2011), 215-221.

24. **A. Mohan Babu**, B.C. Jamalaih, T. Chengaiah, G.V. Lokeswara Reddy, L. Rama Moorthy, “Upconversion luminescence in Tm^{3+}/Yb^{3+} co-doped lead tungstate tellurite glasses”, *Physica B: Condensed Matter*, 406 (2011), 3074-3078.
25. **A. Mohan Babu**, B. C. Jamalaih, T. Sasikala, S. A. Saleem, L. Rama Moorthy, “Absorption and emission spectral studies of Sm^{3+} - doped lead tungstate tellurite glasses”, *Journal of Alloys and Compounds*, 509 (2011), 4743-4747.
26. **A. Mohan Babu**, B.C. Jamalaih, T. Suhasini, T. Srinivasa Rao, L. Rama Moorthy, “Optical properties of Eu^{3+} ions in lead tungstate tellurite glasses”, *Solid State Sciences*, 13 (2011), 574-578.
27. **A. Mohan Babu**, J. Suresh Kumar, B.C. Jamalaih, Neeraj Kumar Giri, S.B. Rai, L. Rama Moorthy, “Role of Yb^{3+} ions in the IR to visible upconversion of Er^{3+} ions in LTT glasses”, *International Society for Optics and Photonics*, (2011), 79400J - 79400J-10.
28. D.V.R. Murthy, T. Sasikala, B.C. Jamalaih, **A. Mohan Babu**, J. Suresh Kumar, M. Jayasimhadri, L. Rama Moorthy, “Investigation on luminescence properties of Nd^{3+} ions in alkaline-earth titanium phosphate glasses”, *Optics Communications*, 284 (2011), 603-607.
29. **A. Mohan Babu**, B.C. Jamalaih, J. Suresh Kumar, T. Sasikala, L. Rama Moorthy, “Spectroscopic and photoluminescence properties of Dy^{3+} - doped lead tungsten tellurite glasses for laser materials”, *Journal of Alloys and Compounds*, 509 (2011), 457-462.
30. J. Suresh Kumar, K. Pavani, **A. Mohan Babu**, Neeraj Kumar Giri, SB Rai, L. Rama Moorthy, “Fluorescence characteristics of Dy^{3+} ions in calcium fluoroborate glasses”, *Journal of Luminescence*, 130 (2010), 1916-1923.
31. D.V.R. Murthy, B.C. Jamalaih, **A. Mohan Babu**, T. Sasikala, L. Rama Moorthy, “The luminescence properties of Dy^{3+} - doped alkaline earth titanium phosphate glasses”, *Optical Materials*, 32 (2010), 1112-1116.
32. S.A. Saleem, B.C. Jamalaih, **A. Mohan Babu**, K. Pavani, L. Rama Moorthy, “A study on fluorescence properties of Eu^{3+} ions in alkali lead tellurofluoroborate glasses”, *Journal of Rare Earths*, 28 (2010), 189-193.
33. D.V.R. Murthy, **A. Mohan Babu**, B.C. Jamalaih, L. Rama Moorthy, M. Jayasimhadri, Kiwan Jang, Ho Sueb Lee, SoungSoo Yi, Jung Hyun Jeong, “Photoluminescence properties of Er^{3+} - doped alkaline earth titanium phosphate glasses”, *Journal of Alloys and Compounds*, 491 (2010), 349-353.
34. J. Suresh Kumar, **A. Mohan Babu**, T. Sasikala, L. Rama Moorthy, “NIR fluorescence and visible upconversion studies of Nd^{3+} ions in calcium fluoroborate glasses”, *Chemical Physics Letters*, 484 (2010), 207-213.
35. S.A. Saleem, B.C. Jamalaih, J. Suresh Kumar, **A. Mohan Babu**, L. Rama Moorthy, M. Jayasimhadri, Kiwan Jang, Ho Sueb Lee, SoungSoo Yi, Jung Hyun Jeong, “Optical absorption and near infrared emission properties of Nd^{3+} ions in alkali lead tellurofluoroborate glasses”, *Solid State Sciences*, 11 (2009), 2093-2098.

36. B.C Jamalaih, J. Suresh Kumar, **A. Mohan Babu**, L. Rama Moorthy, Kiwan Jang, Ho Sueb Lee, M. Jayasimhadri, Jung Hyun Jeong, Hyukjoon Choi, “*Optical absorption, fluorescence and decay properties of Pr³⁺ - doped PbO–H₃BO₃–TiO₂–AlF₃ glasses*”, Journal of Luminescence, 129 (2009), 1023-1028.
37. B.C Jamalaih, J. Suresh Kumar, **A. Mohan Babu**, T. Sasikala, L. Rama Moorthy, “*Study on spectroscopic and fluorescence properties of Tb³⁺-doped LBTAf glasses*”, Physica B: Condensed Matter, 404 (2009), 2020-2024.
38. B.C Jamalaih, J. Suresh Kumar, **A. Mohan Babu**, L. Rama Moorthy, “*Spectroscopic studies of Eu³⁺ ions in LBTAf glasses*”, Journal of Alloys and Compounds, 478 (2009), 63-67.
39. D.V.R Moorthy, M. Jayasimhadri, Kiwan Jang, J. Suresh Kumar, **A. Mohan Babu**, L. Rama Moorthy, “*Spectroscopic characteristics of Sm³⁺ doped alkaline earth potassium titanium phosphate glasses*”, Indian Journal of Engineering and Materials Sciences, 16 (2009), 193.
40. B.C Jamalaih, J. Suresh Kumar, **A. Mohan Babu**, T. Suhasini, L. Rama Moorthy, “*Photoluminescence properties of Sm³⁺ in LBTAf glasses*”, Journal of luminescence, 129 (2009), 363-369.
41. D. Uma Maheswari, J. Suresh Kumar, T. Sasikala, **A. Mohan Babu**, K. Pavani, Kiwan Jang, L. Rama Moorthy, “*Optical absorption and fluorescence properties of Dy³⁺: SFB glasses*”, IOP Conference Series: Materials Science and Engineering, 2 (2009), 12-19.
42. S.A Saleem, B.C Jamalaih, Kiwan Jang, M. Jayasimhadri, **A. Mohan Babu**, J. Suresh Kumar, L. Rama Moorthy, “*Sm³⁺ luminescence in alkali lead tellurofluoroborate glasses*”, IOP Conference Series: Materials Science and Engineering, 2 (2009), 12-49.

Papers presented at National and International conferences

International level

1. N. Jaidass, C. Krishnamoorthi, **A. Mohan Babu**, M. Reddi Babu, L. Rama Moorthy, “Concentration effect on the luminescence properties Nd³⁺ ions in lithium zinc borosilicate glasses for optoelectronic applications”, selected as oral presentation at International Conference on Materials for Advanced Technologies (ICMAT 2017) will held at Suntec, Singapore during **June, 18-23, 2017**.
2. M. Reddi Babu, **A. Mohan Babu**, N. Madhusudhana Rao, N. Jaidass, C. Krishna Moorthi, L. Rama Moorthy “Effect of concentration on physical, structural and luminescence properties of Sm³⁺ doped lead borosilicate glasses for laser applications”, presented at “Recent advances in optical sciences” (RAOS 2016) at University of Hyderabad during May 6th to 7th, 2016.
3. N. Jaidass, C. Krishna Moorthi, M. Reddi Babu, **A. Mohan Babu**, N. Madhusudana Rao, “Laser Spectroscopy of Dy³⁺ Ions in Lithium Zinc Borosilicate Glasses”, presented at 1st Andhra Pradesh Science Congress (APAS) held at Sri Venkateswara University, Tirupati during January, 27-29, 2016.
4. M. Reddi Babu, **A. Mohan Babu**, N. Madhusudana Rao, N. Jaidass, C. Krishna Moorthi, “Structural and Luminescent Investigation of Eu³⁺ Doped Lead Borosilicate Glasses”, presented at International Conference On Condensed Matter and Applied Physics (ICC 2015) held at Bikaner, Rajasthan, during October 30-31, 2015.

5. M. Reddi Babu, **A. Mohan Babu**, N. Madhusudana Rao, N. Jaidass, C. Krishna Moorthi, “Structural and Optical Analysis of Erbium Doped Lead Borosilicate Glasses for Fiber Amplifiers”, presented at International Conference on Science, Technology and Applications of Rare Earths (ICSTAR 2015) held at Thiruvananthapuram, Kerala, India during April, 23-25, 2015.
6. M. Reddi Babu, **A. Mohan Babu**, N. Madhusudana Rao, N. Jaidass, C. Krishna Moorthi “Effect of Dy³⁺ ion concentration on optical properties of lead borosilicate glasses for white light emission”, at Nano Thailand 2014 during 26 – 28 November, 2014 at Thailand.
7. **A. Mohan Babu**, J. Suresh Kumar, B.C. Jamalaihah, M. Jayasimhadri, Kiwan Jang, L. Rama Moorthy, “Optical absorption and photoluminescence studies on Sm³⁺- doped lead tungsten tellurite glasses”, IUMRS-ICEM 2010 at Seoul, South Korea.
8. **A. Mohan Babu**, B.C. Jamalaihah, T. Suhasini, Neeraj Kumar Giri, S.B. Rai, S.A. Saleem, L. Rama Moorthy “Effect of concentration on photoluminescence properties of ⁴G_{5/2} state of Sm³⁺ ions doped lead tungsten tellurite glasses”, ICM-2010, Varanasi, India.
9. **A. Mohan Babu**, J. Suresh Kumar, B.C. Jamalaihah, Neeraj Kumar Giri, S.B. Rai, L. Rama Moorthy, “Role of Yb³⁺ ions in the IR to visible upconversion of Er³⁺ ions in LTT glasses”, SPIE - Photonics West 2011 at USA.
10. T. Sasikala, L. Rama Moorthy, T. Srinivasa Rao, **A. Mohan Babu**, “Spectroscopic properties of Er³⁺ and Ce³⁺ co-doped tzkc glasses”, ICLA-2012, 7-10th February 2012, Hyderabad, India.
11. D.V.R. Moorthy, M. Jayasimhadri, Kiwan Jang, J. Suresh Kumar, **A. Mohan Babu**, L. Rama Moorthy, “Spectroscopic characteristics of Sm³⁺ doped Alkaline Earth potassium Tellurium Phosphate Glasses”, presented at International Conference on Luminescence and its Applications (ICLA-2008) at NPL, New Delhi during February 13-16, 2008.
12. S.A. Saleem, B.C. Jamalaihah, Kiwan Jang, M. Jayasimhadri, **A. Mohan Babu**, J. Suresh Kumar, L. Rama Moorthy, “Sm³⁺ luminescence in alkali lead borate tellurite glasses”, International Seminar on Science and Technology of Glass Materials (ISSTGM-09)”, March 16-19, 2009, Acharya Nagarjuna University, Guntur, Andhra Pradesh, India.
13. D.V.R. Murthy, B.C. Jamalaihah, J. Suresh Kumar, **A. Mohan Babu**, T. Sasikala, M. Jayasimhadri, L. Rama Moorthy, “Spectroscopic characterization of Pr³⁺- doped alkaline earth potassium titanium phosphate glasses”, International Seminar on Science and Technology of Glass Materials (ISSTGM-09), March 16-19, 2009, Acharya Nagarjuna University, Guntur, Andhra Pradesh, India.
14. S.A. Saleem, B.C. Jamalaihah, **A. Mohan Babu**, T. Suhasini., L. Rama Moorthy “Near infrared fluorescence studies of Er³⁺- doped alkali lead tellurofluoroborate glasses”, 17th International Conference on Dynamical Processes in Excited States of Solids (DPC-10)”, **June 20-25, 2010, Argonne National Laboratory, APS Conference Center, Argonne, Illinois 60439, USA.**

National level

1. **A. Mohan Babu**, B.C. Jamalaihah, J. Suresh Kumar, T. Sasikala, L. Rama Moorthy, “Optical absorption and photoluminescence properties of Dy³⁺ - doped lead tungsten tellurite glasses”, NLS-2010, Indore, INDIA.

2. T.Sasikala, **A. Mohan Babu**, L. Rama Moorthy, “Intense red light emitting eu³⁺ doped tellurite glasses for display application”, NLS-22, January 8-11,2014, DAE-BRNS, Manipal.
3. B.C. Jamalaih, J. Suresh Kumar, **A. Mohan Babu**, T. Suhasini, D. Uma Maheswari, L. Rama Moorthy, “Photoluminescence properties of Sm³⁺ in LBTAf glasses”, National Conference on Advanced Materials Devices and Technologies (NCAMDT-08), February 20-22, 2008, Sri Venkateswara University, Tirupati, Andhra Pradesh, India.
4. B.C. Jamalaih, J. Suresh Kumar, **A. Mohan Babu**, S.A. Saleem, L. Rama Moorthy, “Optical properties of Tb³⁺ in LBTAf glasses”, National Symposium on Science and Technology of Glass and Glass-Ceramics (NSGC-08), October 15-17, 2008, Bhabha Atomic Research Centre (BARC), Mumbai, India.
5. B.C. Jamalaih, J. Suresh Kumar, **A. Mohan Babu**, T. Sasikala, L. Rama Moorthy, “Emission Characteristics of trivalent europium ions in LBTAf glasses”, National Laser Symposium (NLS-08), January 7-10, 2009, Laser Science and Technology Centre (LASTEC), New Delhi, India.
6. B.C. Jamalaih, J. Suresh Kumar, **A. Mohan Babu**, T. Sasikala, L. Rama Moorthy, “Pr³⁺: LBTAf Glasses and their optical properties”, National Conference on Luminescence and its Applications (NCLA-09)”, February 19-21, 2009, Central Glass & Ceramics Research Institute (CGCRI), Kolkata, India.
7. D.V.R. Murthy, J. Suresh Kumar, B.C. Jamalaih, **A. Mohan Babu**, T. Sasikala, M. Jayasimhadri, L. Rama Moorthy, “Spectroscopic properties of Dy³⁺- doped alkaline earth titanium phosphate (RTP) glasses”, National Conference on Emerging Materials, Devices and Technologies (EMDT-09)”, February 24&25, 2009, Sri Venkateswara University, Tirupati, Andhra Pradesh, India.
8. M. Venkateswarulu, Sk. Mamuda, A. Srinivasa Rao, K. Swapna , MVVKS Prasad, **A. Mohan Babu**, P. Balaji and L. Rama Moorthy, “Photoluminescence properties of Pr³⁺ doped fluorotungstunatetellurite glasses”, PP-20.National seminar on multifunctional materials (NSMFM-2013) Department of physics " Andhra Layola college Vijayawada.

Workshops/ Seminar attended

- Participated in workshop on “*Sophisticated Analytical Instrument Facility*”, on 12th November 2008, at Indian Institute of Technology (I.I.T), Madras, India.
- Participated in Theme Meeting on “*Laser Glass Science and Glass Technology*”, during March 1-2, 2011, at S.V. University, Tirupati.
- Participated in “*Placement and training meet at corporate sector*”, during December 4th-6th at IIT Chennai.
- Participated “1st world summit on Accreditation”, organized by National Board of Accreditation, India, during 25-28 March 2012, New Delhi.

Conferences and workshops organized

- Organized International Conference on “Sustainable Energy Technologies for smart and clean cities”, in association with IIT Tirupati & Amara Raja Batteries during 27th–29th July, 2016 as a **Convener**.

- Organized International Workshop on “Role of Materials Science in Engineering and Medicine”, at C. R Engineering College, during 1st and 2nd October, 2013 as a **Convener**.
- Organized PAC-8 meeting at C.R.Engineering College Sponsored by Department of Science and Technology (DST, worth of 10.00 Lakhs), Government of India during November 18th to 21st 2012 as a **Convener**.
- Session Chair in International conference on Emerging Trends in Engineering and Technology (ICETET-2023), organized by Narsimha Reddy Engineering College, Secundrabad on 9th – 10th June 2023

International Symposia

- Oral presentation at 9th International Conference on Materials for Advanced Technologies (ICMAT 2017) at Singapore.

Patents

- Sentiment Analysis: NLP – Based Sentiment Analysis Using Deep Learning Programming, Application No. 202041031443 A, Date of Filing: 22/07/2020, Publication Date (U/S 11A): 14/08/2020

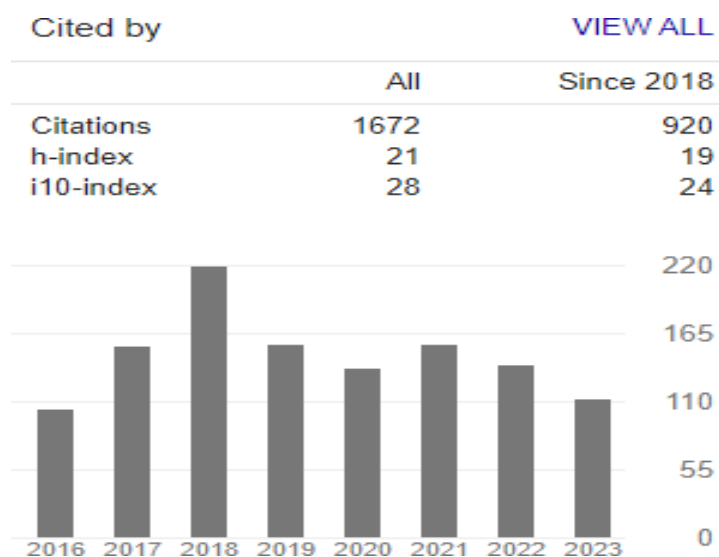
Scopus: <https://www.scopus.com/authid/detail.uri?authorId=25928682700>

ORCID ID: <https://orcid.org/0000-0002-9570-7185>

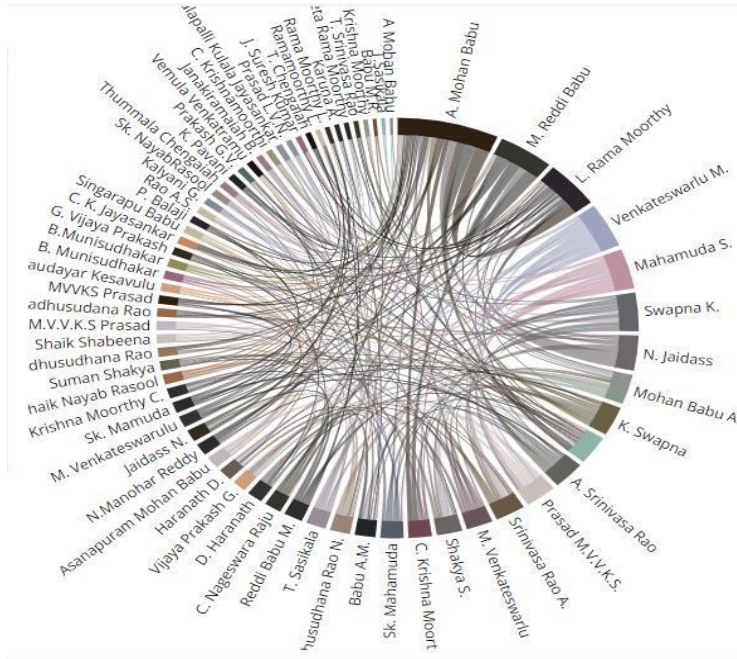
Research Gate: <https://www.researchgate.net/profile/Asanapuram-Mohan-Babu>

Researcher ID: D-9092-2017 (<https://www.webofscience.com/wos/author/record/908375>)

Google Scholar Citation: <https://scholar.google.co.in/citations?user=ims9OhsAAAAJ&hl=en>



VIDWAN: <https://vidwan.inflibnet.ac.in/profile/233837>



Memberships in Professional Bodies

- Member of rare earth associations
- Life Member of Indian Society for Technical Education – ISTE
- Member of International Association of Engineers

Countries visited

- Tanzania
- Kenya
- Dhaka
- Mombasa
- Kathmandu
- Sri Lanka
- Mauritius
- Thailand
- Singapore
- United Kingdom

Declaration:

I hereby declare that all the above information is true and correct to the best of my knowledge and belief.

Place :

Date :

(Dr.A MOHAN BABU)