

RESUME

Dr.D. SRINIVASA RAO
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PERSONAL PROFILE:

Name : **DAMARAJU SRINIVASA RAO**
Father's Name : Sarath Babu
Date of Birth : 15-07-1983
Nationality : Indian
Religion & Caste : Hindu & OC (EWS)
Marital Status : Married
Languages known : Telugu, English & Hindi
Qualifications : M.Sc (Physics), M.Phil, Ph.D, PGDCA



ACADEMIC QUALIFICATIONS:

Qualification	University / Institution	Year of study	Percentage (%)
Teaching Learning Course(TLC) Online	IIT Kanpur(Under the guidance of Prof. HC Verma)	2020-2021	Completed
Ph.D	Acharya Nagarjuna University , Guntur(ANU)	2012-2017	Awarded on 14/4/2017
M Phil	Acharya Nagarjuna University, Guntur(ANU)	2008-2010	'A'Grade (69%)
M.Sc. (Physics)	C.S.R.SARMA COLLEGE, ONGOLE(ANU)	2005-07	74.25% with distinction
B.Sc.(M.P.C)	AKVK DEGREE COLLEGE, Ongole(ANU)	2000-03	74%
INTERMEDIATE(M.P.C)	KY GOVT. JUNIOR COLLEGE, Maddipadu.	1998-2000	69%
S.S.C.	ADITYA PUBLIC SCHOOL, Maddipadu	1997-1998	59%

Teaching Experience : 14 Years (Engineering-11 years)

S.No	Name of the Organization	Address	Designation	Period	No.of Yrs
1.	Nimra Institute of engineering & technology	Ongole, prakasm (Dt),A.P	Asst.Prof	11/5/ 2007 –02/8/2009	2.3
2.	BVSR Engineering college	Chimakurthy,prakasam(Dt)	Assoc.Prof & HOD	06/08/2009- 28/09/2017	8.1
3.	Tirumala Engineering college	Narasaraopeta, Guntur (Dt)	Assoc.Prof	05/10/2017- 02/09/2019	1.11
4.	RGUKT Ongole campus	Ongole, prakasm (Dt),A.P	Guest faculty	04/09/2019- 30/05/2020	0.8
5	RISE Krishna Sai Group of Institutions	Valluru, Prakasam Dt,A.P	Assoc.Prof	04/06/2020- 10/06/2021	01
6	RGUKT Ongole campus	RK Valley, Kadapa (Dt),A.P	Lecturer(C) & Associate Controller of Examination s)	12/06/2021-Till now	3.5

ACHIEVEMENTS:

- ❖ **Physics teaching- learning course was completed (trained) by IIT Kanpur in 2020**
- ❖ **Best IIIrd oral presentation award in NCMFM 2023(March 2023).**
- ❖ Participated in **8** Faculty development programs (FDPs).
- ❖ Paper presented in **10 International & National journals.** (some are with impact factor)
- ❖ Paper presented in **19 National Seminars, 4 conferences & few workshops.**
- ❖ Participated in **9** physics related webinars (including some online physics quiz's.)
- ❖ Life time number of Luminescence Society of India. (LM NO:388).
- ❖ Acted as a **Guest faculty** for CSR Sarma College, ongole.

Major Responsibilities :

- Participated in various departmental and college service activities.
- Analysed student requirement and developed activities for students.
- Maintained optimal quality of curriculum and recommended improvements to it.
- Arrange conferences, Seminars & workshops.
- Preparing and verifying course files for various subjects.

Contact Address : D. SRINIVASA RAO, S/O. SARATH BABU,
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DECLARATION :

I hereby by declare that the information furnished above is true to the best of my knowledge.

Place: RK Valley

Date : 17-01-2025

(Dr.D.Srinivasa Rao)

List of papers published in International & National Journals

1. UV:Visible excitable photoluminescence spectra for variable concentration of Tb^{3+} in $Al_2Sr_2La_2O_8$:Eu Phosphor **D. Srinivasa Rao**, P Sai Raju, B.Subba Rao and K.V.R.Murthy International Journal in Physical & Applied Sciences(IJPAS), Vol.02 Issue-10, (October, 2015) ISSN: 2394-5710, (Impact Factor – 2.865)
2. Synthesis and characteristics of Eu^{3+} doped $Al_2Sr_2La_2O_8$ phosphor **D. Srinivasa Rao**, P Sai Raju, B.Subba Rao and K. V. R. Murthy International Journal of Recent Scientific Research Vol. 6, Issue, 9, pp.6430-6434, September, 2015, ISSN: 0976-30315, (Impact Factor: 5.114)
3. New Optoelectronic device phosphor Eu co-doped Zn_2SiO_4 :Mn Green Emitter P. Sai Raju, **D. Srinivasa Rao** GE-INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH, Associated Asia Research Foundation, ISSN (PRINT): (2394-420X) (Impact Factor – 4.007)
4. Synthesis and Characterization of Dy^{3+} doped $ASL:Eu^{3+}$ Phosphor P. Sai Raju, **D. Srinivasa Rao**, Sk.Erfan, B.Subba Rao and K. V. R. Murthy International Journal of Luminescence and its applications (IJLA) Volume 5, No.2, June 2015, ISSN 2277 – 6362
5. Luminescence studies of Tb doped $YGdB_2O_6$ Phosphor P. Sai Raju, **D. Srinivasa Rao**, A. S.Sai Prasad, B.Subba Rao and K. V. R. Murthy International Journal of Luminescence and its applications (IJLA) Volume 5, No.2, June 2015, ISSN 2277 – 6362
6. Synthesis and Photoluminescence behavior of Eu doped $SrLa_2Al_2SiO_9$ Phosphor , **D. Srinivasa Rao**, B.Subba Rao and K. V. R. Murthy International Journal of Luminescence and its applications (IJLA) Volume 4(II), 04/04/2014, ISSN 2277 – 6362
7. Synthesis and Luminescence Studies of Eu doped $AlSrLaO_4$ Phosphor P Sai Raju, K Suresh, K. V. R. Murthy, **D. Srinivasa Rao** and B.Subba Rao International Referred Journal of Engineering and Sciences (**IRJES**) ISSN (Online) 2319-183X, (Print) 2319-1821, Volume 4, Issue 5 (May 2015), PP.24-29
8. $SrLa_2SiO_6$:Eu phosphor Synthesis and Characterization K.V.R.Murthy, P. Sai Raju, **D. Srinivasarao**, Sk. Erfan and B. Subba Rao (IJARPS) Volume 2, Issue 1A, PP 119-121, January, 2015 ISSN: 2349-7874 (Print)
9. Luminescent studies of Zn_2SiO_4 : Mn(1.1%), Eu(1.5%) phosphor **D.Srinivasa Rao**, P Sai Raju, B.Subba Rao and K. V. R. Murthy International Journal of Luminescence and its applications (IJLA) Volume 4(II), 04/04/2014, ISSN 2277 – 6362
10. $Al_2Sr_2La_2O_8$:Tb, Eu phosphor Synthesis and Characterization **D. Srinivasarao**, P. Sai Raju, Sk. Erfan, B. Subba Rao and K.V.R.Murthy International Journal of Advanced Research in Physical Science (IJARPS) Volume 2, Issue 1A, PP 130-132, January, 2015 ISSN: 2349-7874 (Print)

List of papers presented in International and National Seminars/Conferences

11. Photoluminescence properties of SrLa₂SiO₆: Eu phosphor Cite as: AIP Conference Proceedings 2104, 030020 (2019); <https://doi.org/10.1063/1.5100447> Published Online: 07 May 2019 D. Srinivasa Rao, D. Sravani, P. Sai Raju, K. Kondala Rao, Sk. Erfan, B. Subba Rao, and K. V. R. Murthy
12. Synthesis and Photoluminescence of Tb³⁺ in Al₂Sr₂La₂O₈:Eu phosphor **D. Srinivasa Rao**, P. Sai Raju, Sk. Erfan, B. Subba Rao and K.V.R.Murthy International Seminar On Luminescence and Materials[ISLM – 2016], D S Government Degree College for Women, Ongole, AP, 7th January, 2016
13. Photoluminescence studies Mn doped Zn₂SiO₄ Phosphor
P. Sai Raju, **D. Srinivasa Rao**, K. Suresh, B. Subba Rao and K.V.R.Murthy
International Seminar On Luminescence and Materials[ISLM – 2016], D S
Government Degree College for Women, Ongole, AP, 7th January, 2016
14. Zn₂SiO₄:Mn phosphor for device Application **D. Srinivasa Rao**, P. Sai Raju, Sk. Erfan, B. Subba Rao and K.V.R.Murthy International Symposium Cum Workshop On Luminescence Materials(ISWLM-2015), Baroda, 18-20th December, 2015
15. Luminescence Studies of Al₂Sr₂La₂O₈:Eu, Dy phosphor P. Sai Raju,
D. Srinivasa Rao, B. Subba Rao and K.V.R.Murthy International
Symposium Cum Workshop On Luminescence Materials(ISWLM-2015),
Baroda, 18-20th December, 2015
16. Effect of Variable Concentration of Eu³⁺ on Photoluminescence Behaviour of YGdB₂O₆ Phosphor P. Sai Raju, **D. Srinivasarao**, K.R.Sayana, B. Subba Rao and K.V.R.Murthy 5th International Conference on Luminescence and its Applications (ICLA-2015), February 9-12, 2015, PES University, Bangalore
17. Photoluminescence Behaviour of SrAl₂SiO₆:Eu phosphor **D. Srinivasarao**, P. Sai Raju, Sk. Erfan, B. Subba Rao and K.V.R.Murthy ICLA-2015, February 9-12, 2015, PES University, Bangalore
18. Synthesis and Characterization of Sr₂Y₂Al₂O₈:Eu phosphor P. Sai Raju, **D. Srinivasarao**, B. Subba Rao and K.V.R.Murthy National Conference on Luminescence and its Applications (NCLA-2014), Rani Durgavati Vishwavidalaya, Jabalpur(M.P.), 5-7th February, 2014
19. Luminescent studies of Al₂Sr₂La₂O₈:Dy phosphors
D. Srinivasarao, P. Sai Raju, B. Subba Rao and K.V.R.Murthy National Conference on Luminescence and its Applications (NCLA-2014), Rani Durgavati Vishwavidalaya, Jabalpur(M.P.), 5-7th February, 2014

20. Photoluminescence behavior of $\text{YGd}_2\text{B}_2\text{O}_7:\text{Tb}$ phosphor

P. Sai Raju, **D. Srinivasarao**, K.R. Sayana, B. Subba Rao and K.V.R.Murthy Proceedings of the National Seminar on Display Materials (NSDM-14), P.B.N. College, Nidubrolu, Andhra Pradesh, Nov 7-8th, 2014

21. Luminescent studies of $\text{Al}_2\text{Sr}_2\text{La}_2\text{O}_8:\text{Tb}$, Eu phosphors

D. Srinivasarao, P. Sai Raju, Sk. Erfan, B. Subba Rao and K.V.R.Murthy Proceedings of the National Seminar on Display Materials (NSDM-14), P.B.N. College, Nidubrolu, Andhra Pradesh, Nov 7-8th, 2014

22. Synthesis and Photoluminescence Study of Eu doped $\text{Gd}_2\text{Al}_2\text{O}_6$ phosphor

P. Sai Raju, **D. Srinivasarao**, B. Subba Rao and K.V.R.Murthy Proceedings of the National Seminar on Shaping the Future with Green Chemistry (SFGC-14), SPMH Kalasala, Machilipatnam, Andhra Pradesh, June 27-28th, 2014.

23. Luminescent Studies of $\text{SrAl}_2\text{SiO}_6:\text{Eu}(2.0\text{mol}\%)$ phosphor

D. Srinivasarao, P. Sai Raju, B. Subba Rao and K.V.R.Murthy Proceedings of the National Seminar on Shaping the Future with Green Chemistry (SFGC-14), SPMH Kalasala, Machilipatnam, Andhra Pradesh, June 27-28th, 2014

24. Synthesis of $\text{Al}_2\text{Sr}_2\text{La}_2\text{O}_8:\text{Eu}$, Dy phosphor

P. Sai Raju, **D. Srinivasarao**, B. Subba Rao and K.V.R.Murthy One Day National Seminar on Industrial Important Materials, V.S.R. & N.V.R COLLEGE, Tenali, Andhra Pradesh, Nov 6th, 2014

25. Luminescence studies of $\text{Zn}_2\text{SiO}_4:\text{Mn}$ phosphor

D. Srinivasarao, P. Sai Raju, B. Subba Rao and K.V.R.Murthy One Day National Seminar on Industrial Important Materials, V.S.R. & N.V.R COLLEGE, Tenali, Andhra Pradesh, Nov 6th, 2014

26. Photoluminescence Studies of Eu doped $\text{SrLa}_2\text{SiO}_6:\text{Eu}(2.0\text{mol}\%)$ phosphor P. Sai Raju, **D. Srinivasarao**, B. Subba Rao and K.V.R.Murthy Proceedings of the 2nd National Conference on Applied Physics and Material Science, Vasavi College of Engineering, Hyderabad, Telangana, 1-2 August, 2014

27. Synthesis and Characterization of $\text{Al}_2\text{Sr}_2\text{La}_2\text{O}_8:\text{Tb}(0.1\%)$, $\text{Eu}(0.5\%)$ Phosphor **D. Srinivasarao**, P. Sai Raju, B. Subba Rao and K.V.R.Murthy Proceedings of the 2nd National Conference on Applied Physics and Material Science, Vasavi College of Engineering, Hyderabad, Telangana, 1-2 August, 2014

28. New $\text{Zn}_2\text{SiO}_4:\text{Mn}$, Eu Phosphor

D. Srinivasarao, P. Sai Raju, B. Subba Rao Joytirmayi and K.V.R.Murthy International Conference on Photonics, VLSI and Signal Processin, KU College of Engineering & Technology, Kakatiya University Campus, Vidyarnyapuri, Warangal 28-29 March, 2014.

29. Photoluminescent Studies of Zn_2SiO_4 : Mn Phosphor

D. Srinivasarao, P. Sai Raju, B. Subba Rao and K.V.R.Murthy International Seminar on Glasses and other Functional Materials (ISGFM-2014), Acharya Nagarjuna University, Guntur, A.P., 11-13th December, 2014.

30. $\text{Al}_2\text{Sr}_2\text{La}_2\text{O}_8$: Eu, Dy Phosphor Synthesis and Characterization

P. Sai Raju, **D. Srinivasarao**, B. Subba Rao and K.V.R.Murthy National Seminar on Advance Materials and Applications, Sri A.B.R. Government Degree College, Repalle, 4th January, 2014, AMA-14,

31. Luminescent Studies of Zn_2SiO_4 : Mn Phosphor

D. Srinivasarao, P. Sai Raju, B. Subba Rao, Jotirmayi and K.V.R.Murthy National Seminar on Advance Materials and Applications, Sri A.B.R. Government Degree College, Repalle, 4th January, 2014, AMA-14,

32. $\text{Al}_2\text{Sr}_2\text{La}_2\text{O}_8$: Tb, Eu Phosphor Synthesis and Characterization

P. Sai Raju, **D. Srinivasarao**, B. Subba Rao and K.V.R.Murthy Two Day National Conference on Applied Physics and Material Science (APMS-2013), Vasavi College of Engineering, Hyderabad, Telangana, 19-20 July, 2013

33. Luminescent Studies of $\text{Al}_2\text{Sr}_2\text{La}_2\text{O}_8$: Eu Phosphor

D. Srinivasarao, P. Sai Raju, B. Subba Rao and K.V.R.Murthy Two Day National Conference on Applied Physics and Material Science (APMS-2013), Vasavi College of Engineering, Hyderabad, Telangana, 19-20 July, 2013