

# CURRICULUM VITAE

**Dr.KALIDINIDI V S N RAJU,**  
**MSc(Phy)., MSc(Maths)., MEd., MLISc., MSc(Psy)., SET(Phy)., SET(Edu)., PhD.,**  
S/o. SATYANARAYANA RAJU,  
NEAR KRISHNA RICE MILL,  
SURYANAGAR, MERLAPALEM  
UBALANAK POST-533237  
RAVULAPALEM-E.G.Dt  
ANDHRA PRADESH  
**Ph no:** +91- 9912522333, 9393511234  
[raju.kvsnr@gmail.com](mailto:raju.kvsnr@gmail.com), [master.kvsnr@gmail.com](mailto:master.kvsnr@gmail.com)



**Google Scholar ID:** <https://scholar.google.com/citations?hl=en&user=wDacHjYAAAAJ>  
**ORCID ID :** <https://orcid.org/0000-0003-3069-208X>

## Teaching Experience: **PHYSICS** (total 12+ yrs)

Exp (Yrs)	Designation	Institution/Country	Subjects taught & labs	From	To	Mode of Working
2	Tutor	SPPR Jr College, Mandapeta	Physics	2003	2005	Full Time
1	Lecturer	Sri Nanna Raju Jr College, Ravulapalem E.G.Dt	Physics	2008	2009	Full Time
10	Principal	Sri Nanna Raju Jr College, Ravulapalem E.G.Dt	Physics	2010	2021	Full Time
10	Lecturer	S.N.S.N.Raju Degree College Ravulapalem E.G.Dt	Physics	2010	2021	Part Time
5	Lecturer	S.V.R College of Education Ravulapalem, E.G.Dt	Physical Science, ICT	2010	2015	Part Time
4	Lecturer	Sri Satya Sai DED College, Ravulapalem	Science	2016	2021	Part Time
10 Months	Faculty of Physics	Adikavi Nannaya University campus-Tadepalligudem	I,II,IV Semester papers	23/2/21	14/12/21	Paper Wise Faculty
6 Months	Faculty of Physics (Ad-hoc)	Adikavi Nannaya University campus-Tadepalligudem	I,II,III,IV Semester papers	15/12/21	Till	Ad-hoc Faculty

### Educational Qualification:

- **Ph.D** Title “**IMAGE DYNAMICS AND DILELECTRIC STUDIES OF NEMATOGENS WITH BIO AND NANO PARTICALS**” in physics awarded on 7<sup>th</sup> September 2020 by **K L University**, Vijayawada, A.P.India

S.NO	Course	Subject	School/College/Univesity	Year of Study	Overall Percentage
1	S.S.C	Tel, Eng, H, Mat, Sci, Soc	S.V.G SCHOOL UBALANKA – E.G.Dt.	1997-1998	58.69%
2	Intermediate	Mat, Phy, Chem	Govt Junior College RAVULAPALEM.	1998-2000	55.21%
3	B.Sc.,	Mat, Phy, Comp Sci	M.G Degree College, ANDHRA UNIVERSITY	2000-2003	53.54%
4	M.Sc.,	Physics	ANDHRA UNIVERSITY	2005-2007	56.65%
5	B.Ed	Maths &Physical science	ANDHRA UNIVERSITY	2007-2008	68%
6	M.Ed	Education & psychology	ANDHRA UNIVERSITY	2009-2010	7.90GPA
7	M.Sc	Mathematics	Acharya Nagarjuna Universtiy	2010-2012	55.75%
8	BLISc	Library Science	Sri Venkateswara University	2013-2014	56%
9	MLISc	Library Science	Sri Venkateswara University	2015-2016	73%
10	M.Sc	Psychology	Dravida University	2016-2018	75%
11	Ph.D	Physics	K L University	2014-2019	-

**Professional Online Courses:**

S.No	Course	Subject	Institution	Duration	Performance
1	<i>Centre for Development of Technical Education</i>	PHYSICS ON SEMICONDUCTORS	<b>IIT Kanpur</b>	15/8/17-20/11/17 (12 Weeks)	Satisfactory
2	<i>NPTEL</i>	Solid State Physics	<b>IIT Kharagpur</b>	7/18-10/18 (12 Weeks)	Satisfactory
3	<i>Centre for Continuing Education</i>	Basics of Special Theory of Relativity	<b>IIT Kanpur</b>	18/12/2018-8/3/2019 (12 Weeks)	Satisfactory
4	<i>Centre for Continuing Education</i>	Quantum Mechanics	<b>IIT Kanpur</b>	1/8/2019-1/11/2/19	Satisfactory
5	<i>NPTEL</i>	Stars and Stellar Systems	<b>Inter-University Centre for Astronomy and Astrophysics</b>	1/9/2019-31/12/19	Annual Refresher Programme in Teaching (ARPIT)
6	<i>Centre for Continuing Education</i>	Advanced Course on Special Theory of Relativity	<b>IIT Kanpur</b>	26/1/2020-26/5/2020	Satisfactory
7	<i>Centre for Continuing Education</i>	Learning Physics Through Simple Experiments	<b>IIT Kanpur</b>	2/4/2020-10/6/2020	Satisfactory
8	<i>NPTEL</i>	Introduction to Atmospheric and Space Science	<b>IIT Roorkee</b>	1/20-4/20 (12 Weeks)	Satisfactory
9	<i>Centre for Continuing Education</i>	Classical Electromagnetism-1 (Electrostatics)	<b>IIT Kanpur</b>	15/08/2020-13/12/2020	Satisfactory

10	Centre for Continuing Education	Classical Mechanics-1	IIT Kanpur	26/1/2021 25/4/2021	Satisfactory
----	---------------------------------	-----------------------	------------	------------------------	--------------

### Additional Qualifications:

- Qualified Teacher Eligibility Test (AP TET-2018) with 62% Conducted by Govt of A.P for Teacher Recruitment in High School level.
- Qualified State Eligibility Test (AP SET-2019) in Physics with Regd.No 021905110 Conducted by Govt of A.P for Assistant professor Recruitment in University level.
- Qualified State Eligibility Test (AP SET-2020) in Education with Regd.No 020705497 Conducted by Govt of A.P for Assistant professor Recruitment in University level.

### Objective Coaching: IIT- JEE Mains, NEET Physics & AP SET-Physics.

Software programming: PGDCA, MS Office, C, C++, Origin 8.5, Matlab, Mendeley.

### Research Publications:

1. High temperature phase transformations and dynamics of zno nanoparticles incorporated 4-cyano-4'-pentylbiphenyl mesogen.  
K.V.SuryaNarayanaRaju, S.Salma Begum, B.DharmaSagar and Shaik.Babu,  
*Rasayan J. Chem.*, 10(1), 37-45(2017)
2. Image Dynamics of Glucose dispersed 4-Cyano-4'-Pentyl Biphenyl Liquid Crystal: Thermal & Spectroscopic Approach  
K.V.S.N.Raju, S.Salma Begum, Shaik.Babu  
*Journal of pharmaceutical science and research*, 9(3) 269-274 (2017).
3. Zinc Oxide Nanoparticles Dispersed *p*-(*p'*-Ethoxy benzylidene)-*p*-cyano aniline Mesogen: Statistical and Spectral Analysis  
K.V. SuryaNarayanaRaju, Shaik Babu and Shaik Salma Begum,  
*Asian Journal of Chemistry*; Vol. 30, No. 9, 2069-2074 (2018).
4. Computation Of Available Volume (Va) And intermolecular Free length (L<sub>f</sub>) In 4-Hexyloxybenzylidene)-4' alkoxy Anilines, 6o.Om Schiff's Compunds  
V.Prasanthi, Dr.Y.Rama Krishna, Dr. K.Sunil Babu, K.V.Suryanarayana Raju.

**International Journal Of Scientific & Technology Research; Vol.8, No.12 (2019).**

5. **Dielectric studies of dispersions of zinc oxide nanoparticles in p-ethoxy Benzylidene - pcyano aniline (EBCA) nematic liquid crystals.**

**K. V. Surya Narayana Raju, Shaik. Babu, and S. Salma Begum**

*American Institute of Physics* 1992, 040011 (2018); doi: 10.1063/1.5047976

6. **A study on storage, display devices and transducers.**

**P.Ramesh, K.V.S.N Raju, Akshay, Kamalshri N,**

**The opportunities of uncertainties: Flexibility and adaption needed in current climate, LULU Publications, U.S, Vol. II, No. 28, 240-247 (2021). ISBN:978-1-300-39582-9**

7. **Optical and dielectric spectroscopic studies of dispersed ZnO nematic liquid crystal prepared by chemical precipitation method.**

**K.V. SuryaNarayanaRaju, and Shaik Salma Begum,**

*Journal of Applied Spectroscopy, Vol. 89, No.3 ( May-June) 2022. Accepted.*

8. **Thermodynamic Statistical parameters of 4-Hexyloxy Benzylidene - 4' Decyloxy Aniline Liquid Crystal**

**K.V. SuryaNarayanaRaju, Shaik Salma Begum and Ksunil Babu.**

**International Conference on Advanced Materials and Mechanical Characterization (ICAMMC-2021) Communicated.**

9. **Textural and Spectral Studies of Glucose Dispersed Fundamental Nematic Liquid Crystal**

**K.V. SuryaNarayanaRaju, and Shaik Salma Begum,**

**Journal of Molecular Liquids, Manuscript No MOLLIQ-D-21-06569, Under Review.**

### **Achievements:**

1. International Conference on “**Nano Science and Nano Technology for Energy Applications (EApp-2016)**” organized by **Satyabama University, Chennai**. Date 27<sup>th</sup> June – 29<sup>th</sup> June, 2016, p.136 (**Best Oral Presentation Award**)

### **Seminars, Workshops and FDP: 70 +**

1. National conference on “**Physics and chemistry of solids (NCPCS-2014)**” held in Mar’ 14 at SR & BGNR Govt. Arts & Science College, Khammam, Andhra Pradesh.

2. Participated in two day national workshop on **“EMERGING TRENDS IN RENEWABLE ENERGY (NWETR-2015)”** organized by centre for advanced energy studies at **K L University, Guntur Dist.**, on 18<sup>th</sup>& 19<sup>th</sup> March, 2015.
3. NATIONAL CONFERENCE ON **“EMERGING TRENDS OF ADVANCED FUNCTIONAL MATERIALS (NCAF-2015)”** organized by Department of Physics, **K L University, Guntur Dist.**, on 3<sup>rd</sup>& 4<sup>th</sup> September, 2015.
4. International Conference on **“Science and Engineering of Materials for Future Needs (ICSEMF-2015)”** Organized by **S.R & B.G.N.R.GOV.T. ARTS & SCIENCE COLLEGE, KHAMMAM-TELANGANA, INDIA.** Date 21<sup>st</sup> & 22<sup>nd</sup> December 2015
5. International Conference on **“Mathematics, Physics and Allied Sciences (ICMPAS – 2016)”** organized by **Carmel College, Nuvem, Goa.** Date 3<sup>rd</sup> - 5<sup>th</sup> March, 2016, p.16
6. International Conference on **“Nano Science and Nano Technology for Energy Applications (EApp-2016)”** organized by **Satyabama University, Chennai.** Date 27<sup>th</sup> June – 29<sup>th</sup> June, 2016, p.136 (Best Oral Presentation Award)
7. National Conference on **“Current Developments In Functional Materials and Their Applications (NCDFMA-2017)”** organized by **K L University Guntur District.** Date 22<sup>nd</sup> & 23<sup>rd</sup> December 2017
8. International Conference on **“Applied Science and Technology (ICAST-2018)”** organized by **S R K R Engineering College (AUTONOMOUS) Bhimavaram.A.P.** Date 24<sup>th</sup> 25<sup>th</sup> January-2018
9. International Conference on **“RENEWABLE ENERGY RESEARCH & EDUCATION (RERE-2018)”** organized by **Arts college, Rajamahendravaram, A.P.** Date 9<sup>th</sup> & 10<sup>th</sup> February-2018.
10. International Conference on **“Applied Science and Technology (ICAST-2019)”** organized by **S R K R Engineering College (AUTONOMOUS) Bhimavaram.A.P.** Date 27<sup>th</sup> and 28<sup>th</sup> March-2019
11. One Day National Workshop on **“MATERIAL CHARACTERIZATION TECHNIQUES”** held on 18<sup>th</sup> April 2019 at **K L University, Vijayawada, A.P.**
12. One Day National Workshop on **“EMERGING TRENDS IN RENEWABLE ENERGY RESOURCES”** organized by **Dept of Physics, Sri Y N College (A), Narsapur, A.P,** Date 3<sup>rd</sup> August, 2019.
13. A One Day Faculty Development Programme on **"EFFECTIVE WRITING OF RESEARCH PROPOSALS"** organized by **Ramachandra College of Engineering, Eluru, W.G.Dt, A.P,** Dated 15<sup>th</sup> November-2019
14. 3 Day National Level Workshop as Faculty Development Programme on **"RESEARCH METHODOLOGY-MECHANISM FOR EFFECTIVE IMPLEMENTATION"** held on 19, 20 and 21<sup>st</sup> at **Government Degree College, Tanuku, W.G.Dt, A.P.**

15. Two Day National Conference on **“Recent Trends in Advanced Materials & Characterization (RTAMC-2020)”** organized by **Dept of Physics, VSM College (AUTONOMUS) Ramachndarapuram. A.P.** Date 29<sup>th</sup> and 30<sup>th</sup> January-2020
16. UGC Sponsored Two Day National Conference **“FORAYS OF NANOTECHNOLOGY RESEARCH INTO MULTIDISCIPLINES”** organized by the **Departments of physics & Chemistry, Government Degree College, Ravulapalem, E.G.Dt, A.P.** from 3<sup>th</sup> & 4<sup>th</sup> March 2020.
17. Three Day Faculty Development Programme on **“OUTCOME BASED EDUCATION SYSTEM”**- A Roadmap to Teaching, Learning, Evaluation & Accreditation, organized by the **Department of Mechanical Engineering, Lendi Institute of Engineering & Technology, Vizianagram.A.P.** From 21<sup>st</sup> -23<sup>rd</sup> May,2020.
18. Three Day Faculty Development Programme on **“Advanced Material Characterization Techniques”** A Reasearch perspective, organized by the **Department of Mechanical Engineering, Lendi Institute of Engineering & Technology, Vizianagram.A.P.** From 28<sup>th</sup> - 30<sup>th</sup> May 2020,
19. One day Webinar on **“Emerging Trends in Nano-Materials for Microwave, Integrated Electronics and cancer Applications”** organized by **Department of Basic Science & Humanities, GMR Institute of Technology, Rajam, A.P** on 04<sup>th</sup> June 2020
20. One day webinar on the occasion of World Environment Day 2020 **“BEAT AIR POLLUTION: COVID-19 LOCKDOWN EFFECTS ON AIR QUALITY** Organised by **Department of Physics, K.L.E.F., Guntur, A.P** on 5<sup>th</sup> June, 2020.
21. Three Day Faculty Development Programme on **“Advanced Materials and Characterization”** organized by **Department of Physics, School of Sciences, NIT, Tadepalligudem, A.P,** during 15<sup>th</sup> -19<sup>th</sup> June, 2020.
22. One day webinar on **“AI APPLICATIONS IN ELECTRICAL POWER INDUSTRY”** organized by the **Department of Electrical and Elcectronics Engineering, R.M.D. Engineering College, Tiruvallur, Tamilnadu, India** on 23<sup>rd</sup> June 2020.
23. Three Day Faculty Development Programme on **“Significance of Chemistry and Physics in Nanoscience and Engineered Materials”** organized by **Department of Science and Humanities, Nadimpalli Satyanarayana Raju Institute of Technology, Visakhapatnam, A.P,** from 25<sup>th</sup> to 27<sup>th</sup> June, 2020.

24. One day national webinar on **“Processing of Light Metal Alloys and Characterization”**, organized by **Department of Mechanical Engineering, RAGHU INSTITUTE OF TECHNOLOGY, Visakhapatnam, A.P, India** on 3<sup>rd</sup> July 2020.
25. One day Industrial Webinar on **“Preparing Students for 21<sup>st</sup> Century Skills with New Normal Way”** organized by the **Department of Electrical and Electronics Engineering, E.G.S Pillay Engineering College, Tamilnadu, India**, on 3<sup>rd</sup> July 2020.
26. One day National Level Webinar on **“Recent Advance in Materials Science and Engineering Applications”** organized by **Department of Physics, K.L.E.F., Guntur, A.P, India** on 4<sup>th</sup> July 2020.
27. One day webinar on **“Integration and its Applications”** organized by **Department of Science and Humanities-Mathematics, JAI SHRIRAM ENGINEERING COLLEGE, TIRUPUR**, on 10<sup>th</sup> July 2020.
28. One day webinar on **“AI Applications in Power Industry Practices including Renewable Energy”** organized by **School of Mechanical Engineering, REVA University, Bangaluru, India**, on 18<sup>th</sup> July 2020
29. A three day **“International webinar on Pivot role of Chemistry/Chemical Engineering in Present Scenario-2020”** organized by **Department of Humanities and Science, VNRVJIET, Hyderabad, Telangana, India** from 20<sup>th</sup> to 22<sup>nd</sup> July 2020.
30. Six-day International Symposium on **Medical and Radiation Physics** organized by the **Department of Physics, Women’s Christian College, Chennai, TamilNadu, India**, from 20<sup>th</sup> to 25<sup>th</sup> July 2020.
31. One day Webinar on **“Bridging Electromagnetic Spectrum for Technological Applications-A Materials Perspective”** organized by **Department of Physics, Andhra Loyola College, Vijayawada, A.P, India** on 21<sup>st</sup> July 2020.
32. A three day online Faculty Development Programme on **“Applications of Physics in Science and Technology”** organized by **Freshman Engineering Department, NRI Institute of Technology, Vijayawada, A.P, India**, from 23<sup>rd</sup> to 25<sup>th</sup> July 2020.
33. Two day National Webinar On **“Recent Trends In Physical Sciences”** organized by **Department of Physics, J.N.S.Govt P.G College, Shujalpur, M.P, India** on 27<sup>th</sup> & 28<sup>th</sup> July 2020.
34. A Five Day online Faculty Development Program on **“THE ROLE OF MATERIALS SCIENCE IN ENGINEERING: APPLICATIONS PERSPECTIVE”** organized by



**Department of Physics and Chemistry, MAHATMA GANDHI INSTITUTE OF TECHNOLOGY, HYD, Telangana, India, from 3<sup>rd</sup> – 7<sup>th</sup> August 2020**

35. A Three day National level Webinar on “**Recent Trends in Materials Science (RTMS-2020)**” organized by **Department of Physics, Science & Humanities, USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY, Telaprolu, Krishna Dt., A.P, India** from 19<sup>th</sup> to 21<sup>st</sup> August 2020.
36. One day National Webinar on “**Surface Characterization using X-ray Photoelectron Spectroscopy (XPS)**” organized by **Department of Basic Science and HSS,JNTUK-UCEV, Vizianagaram, A.P, India,** on 22<sup>nd</sup> August 2020.
37. One Day National Webinar on **THEME LEGERAGING EMERGING TECHNOLOGIES VIA PHYSICS: A LEAP TOWARDS SELF-RELIANT INDIA” TOPIC-“FUNDAMENTALS OF MICROPROCESSOR”** organized by **Department of Physics, BHERULAL PATIDAR GOVT.P.G COLLEGE,MHOW, Indore, M.P** on 24<sup>th</sup> August 2020.
38. A Five Day Online National level Faculty Development Programme on “**Advance Technique for purification and Characterization of Organic Compound**” organized by **Department of Basic Sciences and HSS, JNTUK-UCEV, Vizianagaram, A.P, India** from 24<sup>th</sup> to 28<sup>th</sup> August 2020.
39. One week Faculty Development Programme on “**Recent Trends in Material Science and Technology**” Organized by **Department of Physics, Hyderabad Institute of Technology and Management** from 25<sup>th</sup> to 29<sup>th</sup> August 2020.
40. One day International Workshop on “**EXPLORING THE SCIENCE OF ATMOSPHERE FROM SPACE**” organized by **Department of Physics,K.L.E.F., Vijayawada, A.P, India** on 26<sup>th</sup> August 2020.
41. One day National Webinar on “**INTELLECTUAL PROPERTY:KNOW YOUR RIGHTS TO STRIDE INTO “ATMANIRBAR BHARAT”**” organized by **Department of Computer Science, BHERULAL PATIDAR GOVT.P.G. COLLEGE, MHOW, Indore, M.P** on 27<sup>th</sup> August 2020.
42. One day National Level Webinar on “**CHEMDRAW IN CHEMISTRY TECHING AND RESEARCH**” organized by **Department of Chemistry, Government Degree College, Razole, E.G.Dt., A.P** on 28<sup>th</sup> August 2020.
43. One day Webinar on “**Photochemical aspects of 3-Hydroxy-chromen-4one and it’s derivatives**” organized by **Department of Basic Sciences & Humanities, Vignan’s**

**Institute of Management & Technology for Women, Hyderabad, Telangana, India**  
on 29<sup>th</sup> August 2020.

44. Three day Faculty Development programme on **“Recent Trends in Physics”** organized by **Department of Science, St.JOSEPH’S COLLEGE OF ENGINEERING,OMR,Chennai**, from 31<sup>st</sup> August- 02<sup>nd</sup> September 2020.
45. One day International Webinar on **“Biomedical Product Development-Challenges and Opportunities”** organized by **Govt., Degree College, Pithapuram, E.G.Dt, A.P**, on 4<sup>th</sup> September 2020.
46. One day National Level Webinar on **Great Contribution of Physics to Chemistry and life Science for Structural Engineering : XRD** organized by **Department of Science and Humanities-Physics** on 10<sup>th</sup> September 2020
47. The **First International Virtual Conference On Nanomaterials, FIVCON-2020** organized by **Dept. of Nanotechnology, Acharya Nagrajuna University,Guntur,A.P,India**, from 10<sup>th</sup> -12<sup>th</sup> September 2020.
48. One day National Webinar on **“Role of Chemistry in Designing Various Engineering and Technology Applications”** organized by **Department of Humanities and Science, AAR MAHAVEER ENGINEERING COLLEGE, Hyderabad, Telangana, India** on 11<sup>th</sup> September 2020
49. Two day International Webinar on **“Recent Advances on Materials Science and Engineering (RAMSE-2020)”** organized by **Department of Physics and Chemistry, SVCR Govt Degree College, Palmaner, Chittor Dt., A.P.** on 23<sup>th</sup> 24<sup>th</sup> September 2020.
50. Two Day e-Workshop on **“INTRODUCTION TO ORGIN SOFTWARE”** organized by **the Department of Physics, K.L.E.F., Vijayawada, A.P, India** from 29<sup>th</sup> -30<sup>th</sup> September 2020.
51. One day National Webinar on **“Characterization Technique of Materials”** Organized by **Department of Physics, JKC College, Guntur, AP, India** on 30<sup>th</sup> September 2020.
52. One Week Faculty Development Program on **“Recent Trends in Matreials Science”** Organized by **Department of Basic Science and Humanities, GMR Institute of Technology, Rajam** during 12<sup>th</sup> -16<sup>th</sup> October 2020.
53. Three Day International Webinar on **“IMPACT OF PHYSICS IN HEALTHCARE”** organized by the **Department of Physics, Meris Stella College, Vijayawada, A.P, India** from 14<sup>th</sup> to 16<sup>th</sup> October 2020.

54. Five day Faculty Development Program on **“Synthesis of Advanced Materials and its Applications”** Organized by **Department of Physics, Science & Humanities, USHA RAMA College of Engineering and Technology, Telaprolu, Krishna Dist, A.P,** from October 15<sup>th</sup> to 19<sup>th</sup> 2020.
55. One day National Webinar on **“Dr. Dilip Bhawalkar: His Role and Guidance for Development of Optics and Laser Technology in India”** Organized by **Department of Physics and Chemistry, SVCE Govt Degre College, Palamaner, Chittor, A.P, India** on 16<sup>th</sup> October 2020.
56. One day International Webinar on **“Artificial Intelligence and its applications”** Organized by **International research and Collaboration cell, Shri Venkateswara Group of Institutions, Gajraula** on 16<sup>th</sup> October 2020
57. Two day International Workshop on **“Mendeley: The Reference Manager”** Organized by **Manuscriptpedia, Kanyakumari** on 23<sup>rd</sup> and 24<sup>th</sup> October 2020
58. Five day Faculty Development Programme on **“Recent Trends & Advances in Computational Intelligence 2020”** Organized by **Department of Information Technology, GMR Institute of Technology, Rajam, A.P, India** during 27<sup>th</sup> -31<sup>st</sup> October 2020.
59. One day National Level Webinar on **“Pronunciation Skills for Professional Communication”** Organized by **Department of English, MMK & SDM Mahilavidyalaya, Mysuru, India.**
60. One day International Webinar on **“Recent Trends in Phytochemical Research and Drug Discovery”** Organized by **Department of Chemistry, SR&BGNR Govt Arts & Science College, Khamam, Telangana, India.**
61. One day National Webinar on **“Characterisation of Materials”** Organized by the **Department of Physics, K.L.E.F., Vijayawada. A.P, India** on 30<sup>th</sup> November 2020.
62. One day National level Webinar on **“Astronomy: Opportunities and Upcoming Projects”** Organized by the **Department of Physics, Vinayak Ganesh Vaze College of Arts, Science and Commerce, Mulund, Mumbai** on 19<sup>th</sup> December 2020.
63. One day National workshop on **“Importance of Research Metrics: Overview of Scopus & Web of Sciences”** Organized by the **Department of Mathematics, Vikrama Simhapuri Unversity, Nellore, A.P** on 22<sup>nd</sup> December 2020.

64. One day National level Webinar on **“Biology of Engineers”** Organized by the **Department of Electronics and Communication Engineering, Dr.Ambedkar Institute of Technology, Bengalur** on 9<sup>th</sup> January 2021.
65. Five day Faculty Development programme on **“Spectroscopical Studies in Structural Analysis- Modern era Applications”** Organized by the **Department of Science and Humanities, Hyberabad Institute of Technology and Management, Gowdavalley, Hyderabad** from 25<sup>th</sup> to 29<sup>th</sup> January 2021.
66. One day National Webinar on **“Photonic Crystals”** Organized by the **Science Association in collaboration with Physics Department, Sri Durga Malleswara Siddhartha Mahila Kalasala, Vijayawada, A.P** on 26<sup>th</sup> February 2021.
67. The **“National Science day Quiz”** Organized by **TIP Community** on February 2021.
68. One day Virtual Symposium on **Recent Technological Advancement in Wide/Ultra-wide Bandgap Semiconductor Materials, Devices and Applications: A Step Towards Atma Nirbhar Bharat** Organized by **The Department of Electrical & Electronics Engineering, Birla Institute of Technology & Science, Pilani**, on 10<sup>th</sup> April 2021.
69. Two day National Level workshop on **Recent Trends and Opportunities in Physics** Organized by the **Department of Physics, School of Advanced Science, VIT-AP University, India**, on 10<sup>th</sup> and 17<sup>th</sup> April 2021.
70. A National level webinar on **“Career Opportunities in Physics”** Organized by **Department of Physics, mLAC, Bangalore** on 3<sup>rd</sup> July 2021.
71. One day International Webinar on **Recent Advances in Materials Science and Technology (RAMST)”** conducted jointly by the **Department of Physics and Chemistry under IQAC, SVCR Govt Degree College, PALAMANER** on 12<sup>th</sup> July 2021
72. Five Days International Online Faculty Development Program on **Emerging Trends in Science & Technology**, Organized by the **Department of Physics, Easwari Engineering College(Autonomous), Ramapuram** from 01/07/2021 to 06/07/2021.
73. Online National Level Faculty Development Program (FDP) on **“Materials for Photonic Applications”** conducted by **Department of Physics, Mahatma Gandhi Institute of Technology** during 9<sup>th</sup> -13<sup>th</sup> August,2021.
74. International 5 Day Virtual Faculty Development Program on **“Innovative Research Techniques”** organised by **Research Committee and IQAC, Loyola Academy**, held during 26<sup>th</sup> to 30<sup>th</sup> August 2021.

75. One Day National Webinar on "Medical Physics in Cancer Care and Radiation Protection" organized by Department of Physics, University College of Arts & Science, Krishna University Machilipatnam on 18<sup>th</sup> September 2021.

76. DST funded 7- Day Training Program on "EXPLORING THE RESEARCH INNOVATION IN SCIENCE WITH HAND ON EXPERIENCE-2022" organized by School of Science, Government College (A), Rajamundry, E.G.Dt., during 20<sup>th</sup> to 22<sup>nd</sup> June 2022

### **Future Scope of Research Work:**

- ❖ Extension of dielectric studies to measure Threshold voltage of studied samples
- ❖ Study of biosensor applications of Liquid Crystals
- ❖ The dielectric and thermodynamic studies on the higher homologous series
- ❖ Temperature variation LASER, Raman IR and FT-IR spectra analysis can be focused.

### **Personal Details:**

Father's Name : Kalidindi Satyanarayana Raju

D.O.B : 13/06/1983

Gender : Male

Marital Status : Married

Nationality & Religion : Indian & Hindu

Languages known : Telugu, English, Hindi

### **AFFIRMATION**

I affirm that all the above mentioned particulars are true and correct to the best of my knowledge

Station: Ravulapalem

Kalidindi V S N Raju

Date : 25/06/2022