**CURRICULUM VITAE**



**Name**: Dr. SRINIVASARAO KUNA

**Designation**: Lecturer in Physics

**Address**: Government Degree College, PALAKONDA

Andhra Pradesh, India

**E-Mail**: [ksrao157@gmail.com](mailto:ksrao157@gmail.com)

**Mobile**: 9182123030

**Date of Birth**: 15-07-1980

**Qualification**: M. Sc., B.Ed., NET., Ph.D.

**Date of Joining**: 22-05-2013

**Service**: 10 years 7 months

**Academic Qualifications**:

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| --- | --- | --- | --- |
| **Qualification** | **University/Board** | **Year of Passing** | **Secured** |
| M.Sc. | Acharya Nagarjuna University | 2005 | 2nd.Division |
| B.Ed. | Andhra University | 2001 | 1st.Division |
| NET | UGC-CSIR | 2012 | All India 18th Rank in L.S |
| Ph.D. | Acharya Nagarjuna University | 2023 | **-** |

**Teaching Experience**: 10 Years 7 months for UG

**Research Experience**: 07 years 7 months

**Research area** : Material Science

**Specialization:** Nanotechnology, Glass science

**Publications in International Journals:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.**  **No** | **Title of Paper** | **Name of Journal** | **Publisher** | **Vol.**  **Issue No, Month, Year** | **INDEX** |
| 1 | Structural , Optical and luminescence studies of Sm2O3 of doped Cd2Sr(PO4)2nanopowder | Physical Chemistry Research. | Iranian Chemical Society. | Vol.11 (Issue:3)  (Sep-23). | Scopus index. |
| 2 | Structural, Morphological and Photoluminescence properties of Eu3+doped Cd2Sr(PO4)2 nanopowder. | Journal of molecular structure | Elsevier | 1284  (Jul-2023) | Scopus index.  SCI |

**Orientation/Refresher Courses**

1. Orientation Course organized by UGC-ASC-Andhra University, from 25- 02-2014 to 24-03-2014
2. ”Refresher Course in Environmental Science” organized by UGC-ASC-Andhra University, from 03-09-2018 to 21-09-2014.
3. Refresher Course in ”History of Indian Science and Technology” organized by Jawaharlal Nehru University through SWAYAM.
4. Refresher Course in “Teacher and teaching in higher education” organized by Savitri Bhai Pule University through SWAYAM.
5. Refresher Course in “Introduction to Quantum Physics and Its Applictions” organized by IIT Mumbai through SWAYAM.

**Faculty Development Programmes**

1 Faculty Development Programme on “New Knowledge in Physics and Energy Materials Advanced research techniques” from 06-07-2020 to 10-07-2020 organized by Commissionerate of Collegiate Education, A.P.

2 Five Day Residential Training Programme for Teachers on “Solar Energy”,

From 10-08-2022 to14-08-2022 organized by Commissionerate of Collegiate Education, A.P.

3 FDP on “English Medium of Instruction” from12-06-2023 to 17-06-2023 organized by Commissionerate of Collegiate Education, A.P.

4 FDP on “LMS and Internship” organized by Commissionerate of Collegiate Education, A.P.

**Papers Presented in different Conferences**

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| --- | --- | --- | --- | --- |
| **S.**  **No** | **Title of Paper** | **Name of the Conference** | **Date of Conference** | **Organizing Uniersity** |
| 1 | Structural, Morphological and Optical studies on Cd2 Sr(PO4)2 Nanopowder | NCSEAM-2022 | 19-20th December, 2022 | Anurag University, Hyderabad |
| 2 | Synthesis, Structure and Morphology of Nd3+ doped Cd2 Sr(PO4)2 Nanopowder | NCAFDM-2023 | 27-28th February, 2023 | Acharya Nagarjuna University, Guntur |
| 3 | Structure and Spectroscopic studies of V2O5 doped SrCd2 (PO4)2 Nanopowder | NCAFDM-2023 | 27-28th February, 2023 | Acharya Nagarjuna University, Guntur |
| 4 | Structural and morphological investigations on Nd3+ doped SrSn (PO4)2 Nanopowder | NCAFDM-2023 | 27-28th February, 2023 | Acharya Nagarjuna University, Guntur |
| 5 | Synthesis, Structure and Morphology of Pr3+ doped Cd2 Sr(PO4)2 Nanopowder”. | NCRFM-2023 | 24-25th March, 2023 | Vignan’s University, Guntur |