

# Dr. B.Surya Narayana Devara



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## Qualifications

M.SC . ----- Andhra university(93-95)

M.Phil.----- from Sri Venkateswara University Tirupathi(2017)

Ph.D.----- S.V.University 2024 August  
Cleared- ----- N.E.T & S.E.T

## Recent achievements

Passed in two REFRESHER COURSES conducted by ARPIT(Annual Refresher Programme In Teaching) a unique Digital initiative of Govt. Of India using MOOCS Platform SWAYAM.

1. R.C on Curriculum Design and e-content development

2. R.C on Leadership and Governance in Higher Education

2024 – Two Certificate Courses in EdX

1.FFI101.1x\_EN:Physics

Fundamentals: Mechanics

2.Managing Happiness : course of study offered by HarvardX, an online learning initiative of Harvard University

## In brief

Direct recruitment as Junior lecturer in 2002 by A.P.P.S.C. Worked as J.L for more than 11years in various Govt junior Colleges in Kurnool Dt. Promoted as Degree College Lecturer in 2013.

**Now working in ASD Govt. Degree College Kakinada since 26<sup>th</sup> Sept.2021**

## Areas of interest

- Spectroscopy -which reveals the true nature of matter
- Teaching with technology i.e Using animations, Plickers, Kahoot, Doodly Software and P.P.Ts wherever possible

## Research Papers:

1. Photoluminescence studies on holmium (III) and praseodymium (III) doped calcium borophosphate (CBP) phosphors (2017)
2. Surya Narayana Devara, B.,Y.C. Ratnakaram, and M. Kumar. "Spectral Studies of Nd<sup>3+</sup> Doped Different Fluorophosphate Glasses for Their Aptness in Laser Applications at 1060 Nm." *Physics and Chemistry of Glasses: European Journal of Glass Science and Technology Part B* 64, no. 2 (April 1, 2023): 33–42. <https://doi.org/10.13036/17533562.64.2.12>.
3. Surya Narayana Devara, B., Y.C. Ratnakaram, and M. Kumar and P. Sai Dinesh "Structural and Spectroscopic Studies of Er<sup>3+</sup> in Different Fluorophosphate Glasses for Green Laser and Fibre Amplifier Operations." *Physica Scripta IOP* 98, no. 12 (November 15, 2023): 125407. <https://doi.org/10.1088/1402-4896/ad0883>.
4. Surya Narayana Devara, B., Y.C. Ratnakaram, and M. Kumar "Delving into the Spectroscopic Properties of Dy<sup>3+</sup> in Different Fluorophosphate Glasses for Multitude of Applications" *INTERNATIONAL JOURNAL OF CURRENT ADVANCED RESEARCH* ( May 28, 2023 ). 2073-2081. <http://dx.doi.org/10.24327/ijcar.2023.2081.1454>

## Seminars:

1. FDP on the Art of Research by IoT Academy (11 -18 May 2022 )
2. Nuclear science in health and environment in collaboration with BAARC Mumbai (March-2022)
3. LAMP-Luminescent Advanced Materials and Phosphors in multidisciplinary technologies(Jan-2022)
4. FDP on New knowledge in physics and energy materials Advanced Research techniques. Conducted by CCE(July-2020)
- 5.FDP on Moodle Learning management Systems conducted in association with IIT Bombay spoken tutorial (May 2020)