

## **PROFILE**



**KURAGANTI SANJI INDIRA PRIYADARSINI**

**M.Sc,B.Ed,(Ph.D)**

**Lecturer in Mathematics**

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**INSTITUTIONAL ADDRESS: [Pithapur Rajah's Government College \(A\)](#), Kakinada – 533001,  
Andhra Pradesh, India**

### **EDUCATIONAL QUALIFICATIONS:**

- ❖ Pursuing Ph.D. (Part-Time) through APRCET-2021 in the department of mathematics in the SVU college of Science Tirupati
- ❖ B.Ed. Physical Science and Mathematics Methodology in Feb 2007 from GTP college of Education for Woman BHIMAVARAM, Andhra University with 65% -
- ❖ M.Sc. Mathematics in April 2004 from PB Siddhartha College of Arts and Science Vijayawada, Nagarjuna University with 61%
- ❖ B.Sc. (M.P.E) in April 2001 from V K R Budhavaram, Nagarjuna University with 62%

### **TEACHING EXPERIENCE:**

- ❖ Working as lecturer in mathematics in P. R. Government Degree college, Kakinada from 20-10-2021 to till date.
- ❖ Worked as lecturer in mathematics Government Degree College Mylavaram from 2008 to 2012
- ❖ Worked as lecturer in mathematics Government Degree College V S R MOVVA Krishna District from 2012 to 2013
- ❖ Worked as lecturer in mathematics Government Degree College GANAPAVARAM W.G District from 2013 to 2015
- ❖ Worked as lecturer in mathematics Government Degree College AVANIGADDA Krishna District from 2015 to 2021

### PUBLICATIONS/PRESENTATIONS:

- ❖ Certificate of publication for the article: **The Role of Vedic Mathematics in AI Tools in Computer Technology** on 24/08/2024 in MEERAYAN JOURNAL <https://meerayan.com/> Paper ID:MRJ/1266 ISSN:2455-6033
- ❖ Certificate of publication for the article: **The Integral Role of Applied Mathematics and Statistics in Advanced Data Analysis** on 17/09/2024 in GOYA JOURNAL <https://goyajournal.com/> Certificate ID:GJ/2366 ISSN:0017-2715
- ❖ Research Paper Published on *Some Results of Right Biderivation on Semi Rings* Published in United International Journal of Multidisciplinary Research (UIJMR), Vol-2, Issue-1 (Jan–Mar 2025), ISSN: 3048-6726 Impact Factor: 5.446 (SJIF) Author: K. S. I. Priyadarsini, Dept. of Mathematics, S.V. University, Tirupati.
- ❖ Certificate of publication for the Journal: **Graph theory applications in cryptography and network security** on 26/07/2025 in Journal of Mathematical Problem, Equations and Statistics <https://www.doi.org/10.22271/math.2025.v6.i2b.237> Paper ID:JMPES 2025;6(2):233-241 E-ISSN: 2709-9407,P-ISSN:2709-9393 Impact Factor (RJIF):5.94

### BOOK/CHAPTERS PUBLISHED:

- ❖ Book Chapter Published in **Pathways to Discovery & Innovation: Nurturing Researchers** on 1/04/2024 published by International Institute of Organized Research(120R), India-2021, ISBN:978-81-967563-1-4. Chapter Title is **Exploring Paths: Methodological Insights into Right Derivations on Semiring** organized by Pithapur Raja's Govt College(A) Kakinada
- ❖ Book Chapter Published in **Spreading The Wings of 21th Century Women** on January 2025 published by KY Publications (Reg No:68/2017) [www.kypublications.com](http://www.kypublications.com) ,ISBN:978-93-92760-21-1.Chapter Title is **Breaking the Glass Ceiling: The Transformative Power of Women in Leadership** organized by Centre for Women Empowerment & Gender Equity Students, PRGC(A)

### PATENTS:

- ❖ One of the applicants: K. S. I. Priyadarsini, Patent Title: *Topology Optimization in IoT Networks Using Graph Theory*, Patent Number 202441085988 (National) on 8-11-2024 filed under Section 11A(2) of The Patents Act, 1970, Certificate no IN - AP35104016526860W

### AWARDS:

- ❖ Aryabhata International Educationist Award – 2024 Awarded to Mrs. K.S. I. Priyadarsini Kuraganti, Lecturer in Mathematics, *Pithapur Raja's Government College (A), Andhra Pradesh*, by WELRED Foundation West Bengal on 29th November 2024 for her excellent contribution in the field of education. Certificate No.: WF/2904/2024

### **WEBINARS/SEMINARS PARTICIPATED:**

- ❖ Participated in the webinar leading in a VUCA World organized on 12th September 2020 in association with AppZen Labs, India
- ❖ Participated in the webinar on Learning by Doing-Electricity & Magnetism This Live-Demo of experiments was organized by Department of Physics, Andhra Loyola college, Vijayawada, in Collaboration with India Association of physics teachers on 26/9/2020
- ❖ Participated in a Webinar on National Education Policy 2020: Radical or Rhetoric organized on 8th august 2020
- ❖ Participated in a webinar on VECTOR SPACE OVER PRE-A\*-ALGEBRAS organized by Department of Mathematics Government Degree college Narsipatnam on 7th Sep 2020
- ❖ Participated in a webinar on Recent trends & Applications of Graph theory organized by Govt Degree college, Pithapuram on 27/09/2020
- ❖ Participated in a National Seminar titled Dynamics of Indian Culture-Some Perspectives organized by department of History & IQAC of Pithapur Raja's Govt College(A) Kakinada on 14/12/2023
- ❖ Participated in National Webinar on "Mathematical modelling and Application to real life problems" organized by A.S.D.Govt.Degree College(W)(A), Kakinada held on 15/12/2023.
- ❖ Participated in Five days National Webinar on Pathways to Discovery and Innovation: Nurturing Researchers for Tomorrow (PDINR-2024) organized by Pithapur Raja's Govt College(A) Kakinada from 25/04/2024 to 30/04/2024

### **WORKSHOPS/CONFERENCE PARTICIPATED:**

- ❖ Participated in workshop on MATLAB organized by the Department of Science & Humanities of Hindustan college of Engineering & Technology, Coimbatore held from 02/09/2020 to 04/09/2020
- ❖ Participated in workshop on Applications of Mathematical Sciences organized by the Department of Applied Mathematics, Mathematics & Statistics, KRISHNA UNIVERSITY Dr. MRAR PG Centre, Nuzvid, Krishn Dst ,AP during 10 & 11 Sep ,2020
- ❖ Participated in a One-day International Conference titled New Frontiers of Luminescent Advanced Materials & Phosphors (LAMP) in Multi-Disciplinary Technologies organized by the Department of Physics, Electronics & Chemistry on 7<sup>th</sup> Jan 2022
- ❖ Participated in a One-day National Workshop on Research Methodology, organized by the Department of Economics, CSTS Govt.Kalasala on 09<sup>th</sup> Nov 2023.

- ❖ **Participated in Two- day International Conference titled Contemporary Perspectives on Strategies for Conservation of Biodiversity & Realizing Sustainable Development Goals-2024 organized by the department of Botany & Horticulture of Pithapur Raja's Govt College(A) Kakinada from 04/07/2024 to 05/07/2024.**
- ❖ **Participated in Two days International Women Leadership Conclave organized by Pithapur Raja's Govt College(A) Kakinada from 23/01/2025 to 24/01/2025**

#### **FACULTY DEVELOP PROGRAMME (FDP) PARTICIPATED:**

- ❖ **Participated in NAAC's (National Assessment and Accreditation Council) Revised Accreditation Framework conducted from 17/06/2022 to 22/06/2022**
- ❖ **Participated in TOT on Internship/Apprenticeship Management and LMS held at Nodal Resource Centre, PRGC(A), Kakinada from 06 Feb 2023 to 08 Feb 2023.**
- ❖ **Participated in the 6 Days Training of the Trainers Program on English Medium of Instruction, Proficiency in English from 19/06/2023 to 24/06/203**
- ❖ **Participated in Five-day residential Training program for Teachers on Single Major mathematics subject, organized by Commissionerate of Collegiate Education -AP, from 16-04-2024 to 22-04- 2024.**

#### **CERTIFICATE COURSES COMPLETED THROUGH EDX:**

- ❖ **Certificate Course in EDX on Functions, Sequences and Series, and Numerical Methods a course of study offered by ImperiaIX, an online learning initiative of Imperial college London.**
- ❖ **Certificate Course in EDX on Calculus Applied a course of study offered by HarvardX, an online learning initiative of Harvard University.**

## **PERSONAL PROFILE**

**Name** : K.S.I. PRIYADARSINI  
**Father Name** : K. PRAKASA RAO  
**Mother Name** : K. SANJEEVAMMA  
**DOB** : 05-04-1979  
**Nationality** : INDIAN  
**Qualification** : M.Sc. B.Ed. (Ph.D)  
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