

**Maris Stella College (Autonomous), Vijayawada**

**Department of Mathematics**

**Profile of Mrs. G.Usha Kumari**

Name: GANDHAM USHA KUMARI

Educational Qualification: M.Sc

Designation: LECTURER

Years of experience: 34 YEARS

Maris Stella College: 32 YEARS

Other Institutions: 2 YEARS

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Known: TELUGU, ENGLISH

Areas of Interest: TRAVEL

Academic Contribution:

- DEAN OF SCIENCES,
- TIME TABLE COMMITTEE MEMBER,
- GOVERNING BODY MEMBER,
- ECO CLUB MEMBER

Academic Profile:

Refresher Courses/Orientation Courses/Short Term Courses Attended:

- ❖ Refresher Course in Mathematics sponsored by UGC: Nagarjuna University, FROM 5-3-1999 TO 26-3-1999.
- ❖ UGC-sponsored Orientation Course, Andhra University from 18-1-2010 to 14-2-2010
- ❖ Refresher Course in Social sciences sponsored by UGC: Andhra University, 9-5-2011 to 29-5-2011.
- ❖ Refresher Course in Mathematics sponsored by UGC: Central University, Hyderabad, from 4-8-2011 to 24-8-2011
- ❖ Participated in “5 DAY FACULTY DEVELOPEMENT PROGRAMME IN MATHEMATICS” on the theme of “New Knowledge, Pedagogical Methods: New Frontiers in Real Analysis, Abstract Algebra, Differential Equations and Calculus” on 13th July, 2020 to 17th July, 2020 organized by Commissionerate of Collegiate Education, AP, Vijayawada
- ❖ Participated in online three days’ workshop on “office Automation Tools” on 21st July 2020 to 23rd July 2020 organized by Department of Computer Science & IQAC Maris Stella College, Vijayawada

- ❖ Participated in online three days' workshop on " office Automation Tools" on 21st July 2020 to 23rd July 2020 organized by Department of Computer Science & IQAC Maris Stella College , Vijayawada
- ❖ Completed the five day online workshop in "Digital Assessment through Examiner Software" on 17th to 21st August, 2020 organized by IQAC , Maris Stella College , Vijayawada.
- ❖ Participated in 6 days online "International Workshop On Research Methodology inscience "5th October to 10th October 2020 Organized by Aretex Scientific International Pvt. Ltd.
- ❖ Completed the five day online workshop in "Formal Written Communication "19th to 23rd october,2020 organized by IQAC, Maris Stella College in Collaboration withChrist (Deemed to be University), Bengaluru.

#### Research Publications:

a) Journals: nil

#### Conference Proceedings:

1. "A Brief history of Indian Mathematics" - Women in Mathematics with special reference to Lilavati(An anthology of seminar papers : ISBN 978-93-46-0 - Pages88-93
2. " The Causes and prevention of Mathematics anxiety" - International Journal of Scientific and Innovative Mathematical Research(IJSIMR).:Volume 3, Special issue5, November 2015,pp115-117: ISSN 2347-307X(print).
- 3."Certain filters in Ternary semi groups"- Mathematical Sciences International Research Journal. :VOLUME 5 SPL ISSUE. : ISSN 2278-8697 PAGES6-10.
4. "A Constructive study of finite fields"- Emerging trends in Mathematics and Mathematics education (An anthology of seminar papers).:ISBN:978-93-80693-88-0 pages 55-58.
5. "Importance of Analytical skills after graduation"- Alford council of International English Literature Journal(An international peer reviewed English Journal).(Indexed in: DRJI, Site factor and Google scholar). :Volume 2, special issue-1, 2019 : ISSN: 2581-6500 Impact factor4.401 (SJIF)

b) Paper Presentations:

#### Research Projects:

#### Books Published/Chapters in Books:

#### Paper Published

Published a paper "Mathematical Modelling in Rating System" in International Journal of Analytical & Experimental modal Analysis – 1/1/2022,Volume XIV, Issue 1.

Research Guidenship:

Workshops/Seminars/Webinars/Conferences Attended:

- **Organized NBHM sponsored two day national conference on “ Women in Mathematics with special reference to Lilavati” on 20th and 21st February,2015 and presented a paper on “A brief history of Indian Mathematics”.**
- **Attended a workshop on “Human values Development Programme”, organized by CH.S.D.St. Theresa’s college for women, Eluru on 17th July.2015.**

- **Organized a two day workshop and Mathematical Expo in collaboration with Association for Improvement of Mathematics Education on “Mathematics-Literature”, on 20th and 21st September,2015.**
- **Attended UGC sponsored one day National conference on “Advances in Mathematical Sciences”, at K.B.N college, Vijayawada on 5th October,2015 and presented paper on “The causes and Prevention of Mathematics Anxiety”.**
- **Attended one day National conference on “Recent Advances in Mathematical Sciences”, at Andhra Loyola college, Vijayawada on 12thFebruary,2016 and presented paper on “Certain Filters in Ternary semi groups”.**
- **Attended a 22nd Triennial Conference of Xavier Board of Higher Education in India” ‘Challenges and Prospects in Higher Education: Opportunities for Innovation and Networking’, held at Sahradaya College of Engineering and Technology, Kodakara, Thrissur, Kerala from May 05-08,2016.**
- **Organized DST sponsored two day national conference on “ Emerging trends in Mathematics and Mathematics education”, on 15th and 16th February, 2017 and presented a paper on “ Creativity in Mathematics Education”.**
- **Participated in International Conference on Science and Technology Engineering and Mathematics Education & Faculty Development organized by Faculty of Sciences, St. Francis College for Women, Hyderabad from 6th to 11th November, 2017 and presented a paper on “Mathematical Modelling in Rating System”.**
- **Participated in two day Science Academies lecture workshop on “Fluid Mechanics”, organized by Department of Mathematics and Statistics, K.B.N College, Vijayawada on 4th and 5th October, 2018.**
- **Participated in Training programme on “Training of Teachers for Student Induction Programme (SIP)” organized by University Grants Commission, South Eastern Regional Office, Hyderabad on 16th to 18th May, 2019 at Kohli Research Block, International Institute of Information Technology, Gachibowli, Hyderabad.**

- Membership in Professional Bodies: Life member of Andhra Pradesh Telangana Society for Mathematical Sciences (APTSMS)
- Recognition/Awards: nil