

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

## **Department of Physics**

### **Profile of every member in the Department**

**Name:** T. GRACE EUNICE

**Educational Qualification:** M.Phil., B.Ed.

**Designation:** Lecturer in Physics, Intermediate Vice-Principal.

**Years of experience:**18

**Maaris Stella College:**18

**Other Institutions:** Nil

**G Suite Email Id:** grace@marisstella.ac.in

**Email Id:** graceraj77@gmail.com

**Contact No:** 9533077078

**Languages Known:** English, Telugu

**Areas of Interest:** Singing, Reading books,

#### **Academic Contribution:**

- Coordinator of Intermediate sections from 2019-2020. Intermediate vice-principal from 2020-2021.
- Co- Ordinator of music co-curricular activity, in-charge of training all music related college events
- In charge of departmental library and maintaining its log book, specimen copies collection,

#### **Academic Profile:**

- Refresher Courses/Orientation Courses/Short Term Courses Attended:
  - **2014-2015:**
    1. Presented a paper on “Environmental impact of Nano Presented a paper in UGC sponsored National seminar on “Information and Communication Technologies (ICTS) in making a healthy information society with special reference to use of ICTS in educational technology” held at Andhra Loyola College, Vijayawada during August 11-12, 2014.  
Paper titled:”Collaborative education through e-learning”.
    2. Presented a paper in a two-day national seminar on Applications and Advances and challenges in Space Research on 19<sup>th</sup> and 20<sup>th</sup> September 2014, held at P.B. Siddhartha college of arts and science, Vijayawada and organized by the department of physics.  
TITLE: The changing Telecommunications Environment.

3. Presented a paper in UGC sponsored national seminar on "Development of advanced materials in Physics and Electronics and their applications" organized by the department of physics and electronics KBN college, Vijayawada on 15<sup>th</sup> and 16<sup>th</sup> October 2014. PAPER TITLE: "Electronic materials- A step towards a future of electronics"
4. Participated in UGC sponsored national seminar on "Global trends in earth's climate from recent observations", organized by department of physics on 3<sup>rd</sup> and 4<sup>th</sup> February, 2015 at CH.S.D.St. Therasas college for women, Eluru.
5. Presented a paper in UGC sponsored two-day national conference on "Emerging Frontiers of Material Sciences" organized by the department of physics, Maris Stella College, Vijayawada on 12<sup>th</sup> and 13<sup>th</sup> February-2015. TITLE: "Ultrasonic investigations in alcoholic mixtures containing propan-1-ol, propan-2-ol and butan-1-ol with water"
6. Participated in NBHM sponsored national conference on "Women in Mathematics with special reference to Lilavati" organized by UG & PG department of Mathematics, Maris Stella College, Vijayawada on 20<sup>th</sup> and 21<sup>st</sup> February 2015.

➤ **2015-2016:**

1. Participated and presented a paper on "Environmental impact of Nano science" in a UGC sponsored two-day national seminar on "shaping the future with Nano sciences" organized by the department of chemistry, P.B. Siddhartha college, Vijayawada in association with Krishna university, Machilipatnam on 19<sup>th</sup> and 20<sup>th</sup> August, 2015.
2. Participated and presented a paper on "Ultrasonic Investigations in alcoholic mixtures containing Butan-1-ol with water" in seminar on "Advances in chemical science" organized by the Department of Chemistry, KBN college, Vijayawada on 18<sup>th</sup> & 19<sup>th</sup> September, 2015.
3. Participated and presented a paper on "Potential impact of Nano sciences Revolutionizing the Environment" in a two-day UGC sponsored National conference on "Need and role of Nano science in the present era" organized by the P.G. Department of physics, P.B. Siddhartha college, Vijayawada on 7<sup>th</sup> & 8<sup>th</sup> October, 2015
4. Participated and presented a paper on "Study of Ultrasonic properties of binary liquid mixtures with propan-2-ol with water" in a two-day UGC sponsored national seminar on "advances in material science" organized by the department of Electronics and Information technology, Acharya Nagarjuna University, Guntur on 25<sup>th</sup> & 26<sup>th</sup> November, 2015.

➤ **2016-2017:**

1. Participated and presented a paper on "The role of IT in Mitigation and preparedness of Disaster" in a two-day DBT-sponsored national seminar on "Emerging trends in environment and sustainable development" organized by the department of Botany,

Biotechnology and Microbiology, Andhra Loyola college, Vijayawada on 2<sup>nd</sup> & 3<sup>rd</sup> September,2016.

2. Participated and presented a paper on “Potential impact of nanomaterials in Information and communication technologies” in a two-day DBT sponsored national seminar on “Advances in synthesis of nanomaterials and their multi-dimensional applications in chemical and Bio-sciences” organized by the department of chemistry, Andhra Loyola college, Vijayawada on 14<sup>th</sup> & 15<sup>th</sup> September,2016.
3. Participated in the 2<sup>nd</sup> A. P. Science congress on the theme “Science and Technology for Health” organized by A.P. Academic sciences in association with Dr.NTR University of health sciences, Acharya Nagarjuna university and Krishna university held at P.B.Siddhartha college of arts & science, Vijayawada during 7-9 November,2016.
4. Participated in UGC autonomous grant supported national workshop on “Role of human values in higher education for personal and professional excellence” on 1<sup>st</sup> February,2017 organised by the Internal quality assurance cell (IQAC), Maris Stella College, Vijayawada.

➤ **2017-2018**

1. Participated in a national workshop on “Moving towards synergic convergence of society for equal rights and opportunities for girls and young women” organized by the Social work department and Mahita-plan International on 26<sup>th</sup> September,2017 at Maris Stella College, Vijayawada
2. Participated in UGC grant supported two day “National seminar cum hands on training on Internet of things-Market forecast and opportunities” organized by the department of Electronics on 7<sup>th</sup>& 8<sup>th</sup> February 2018 at Maris Stella College, Vijayawada

➤ **2018-2019**

- 1.Participated in one day UGC sponsored National Seminar on ‘Advanced materials and characterisation’ on 26-10-2018 organized by department of Physics, PB Siddhartha college, Vijayawada

➤ **2019-2020**

- 1.Participated and presented a paper in a three-day national workshop on ‘Physics and Technology Modern Sensors, Characteristics, Interfacing and Programming’ organised by department of physics, Maris Stella College, VJA. Presented a paper titled ‘Thermal Information sensors and their applications’ from 7-11-19 to 9-11-19.
- 2.Participated in two days National seminar on ‘emerging trends and advances in multi-functional materials’ organised by department of physics, Acharya Nagarjuna University, Guntur from 10-12-19 to 11-12-19.

3. Participated in National seminar on “Recent trends in Nanoscience and Nanotechnology” organised by department of Nanotechnology, Acharya Nagarjuna University, Guntur from 30-1-20 to 31-1-20.

**Research Publications:**

1. Published a paper “Potential Impact of Nanomaterials in Information and Communication Technologies” in Indian Journal of research in Pharmacy and Biotechnology (IJRPB), Vol.4, Issue 6 of Nov-Dec, 2016 with ISSN:2321-5674 (print), 2320-3471 (online), page: 267-270.
  2. Published a paper on “Ultrasonic Investigations in Alcoholic Mixtures containing propan-1-ol with water” in the International journal of Engineering Research-online, Vol 3, S1, 2015(Jan-Feb), ISSN-2321-7758 with impact factor 3.601.
  3. Published a paper on Title: ‘Thermal Information Sensors and their applications’ in three days National workshop on ‘Physics and Technology: Modern Sensors, characteristics, Interfacing and programming’ organised by Department of physics, Maris stella college, in November 2019. With ISBN/ISSN No:978-81-942990-6-6
- a) Journals  
b) Conference Proceedings

**Paper Presentations:** Mentioned

**Research Projects:** Nil

**Books Published/Chapters in Books:** Nil

**Research Guideship:** Nil

**Workshops/Seminars/Webinars/Conferences Attended:** Mentioned

**FDPs/Training Programs Attended:**

**Membership in Professional Bodies:** Nil

**Recognition/Awards:** Nil