

Maris Stella College (Autonomous), Vijayawada



Name: E. Grace Lydia

Educational Qualification: M.C.A

Designation: Assistant Professor

Years of experience: 7

Maris Stella College: 7

Other Institutions: 0

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Email Id: gracelydiaesukala86@gmail.com

Languages Known: Telugu, English, Hindi

Areas of Interest: DBMS, Java, Python, C, HTML, JavaScript

Academic Contribution: Rankings Committee member

Academic Profile:

Refresher Courses/Orientation Courses/Short Term Courses Attended: NIL

Research Publications:

a) Journals: 05

- Published an UGC Research Journal entitle “**Implementation Of Interactive Computing Systems For HCI**”, in Dogo Rangsang Research Journal : ISSN 2347-7180, Vol. 08, Issue. 14, No. 02 : 2021, UGC Care Approved, Group I, Peer Reviewed, Bilingual, and Referred Journal, Page No. 595 – 601, October 2021.
- Published a Peer Reviewed Journal entitle “**A Novel Approach for QoS of 5G Wireless Technologies**” in Journal of Education, Rabindra Bharathi

University, Vol: XXII, No.: 12(II), 2020-2021, ISSN: 0972-7175, Page No. 187 – 189, October 2021.

- Published a Peer Reviewed Journal entitle **“A Study on "AI In Education: Opportunities And Challenges For Personalized Learning"** in Industrial Engineering Journal : ISSN 0970-2555 Volume : 52, Issue 5, May : 2023 UGC Care Approved, Group I, Peer Reviewed Journal with IF-6.82
- Published a Peer Reviewed Journal entitle **“Exploring the Potential Of 5G Technologies: Navigating Opportunities and Challenges for Innovative Future Applications"** in Industrial Engineering Journal : ISSN 0970-2555 Volume : 52, Issue 5, May : 2023 UGC Care Approved, Group I, Peer Reviewed Journal with IF-6.82
- Published a Peer Reviewed Journal entitle **“Wireless Sensor Network for Current And Future Trends: A Review"** in Industrial Engineering Journal : ISSN 0970-2555 Volume : 52, Issue 5, May : 2023 UGC Care Approved, Group I, Peer Reviewed Journal with IF-6.82

b) **Conference Proceedings: 01**

- Published a paper on **‘Role of IOT in Education’**, Proceedings of 3 – Day National Workshop on ‘Physics and Technology: Modern Sensors Characteristics, Interfacing and Programming’ on 7th to 9th November, 2019 with ISBN No: 978-81-942990-6-6.

Paper Presentations: 01

- Presented and published a paper on ‘A Study on impact of Social Media Addiction of students’ in National conference on Emerging Trends in Computational Science & Technology-2023 organized by Department of Computer Science & Applications, K.B.N College(Autonomous) in collaboration with Krishna University on 29th & 30th September,2023. ISBN:978-81-958673-8-7

Research Projects: NIL

Books Published/Chapters in Books: NIL

Research Guide ship: NIL

Workshops/Seminars/Webinars/Conferences conducted:

- Conducted a comprehensive two-day workshop titled "**Python for Data Science: Data Enrichment with Pandas, NumPy, and IPython**" on October 9th and 10th, 2023.

Workshops/Seminars/Webinars/Conferences Attended:

- Participated in the two day national level workshop on “Training of Trainers: Becoming Effective Teachers and Trainers” organized by WEPRO, Loyola College, Chennai on April 21st and 22nd 2017.
- Participated in the UGC Autonomous grant supported Two Day National Workshop on “MOOCS and its Impact in Enhancing Quality in Higher Education” during 30th and 31st December 2017 organized by the Internal Quality Assurance Cell (IQAC), Maris Stella College, Vijayawada.
- Participated in 3-Day National Workshop on ‘Physics and Technology: Modern Sensors Characteristics, Interfacing and Programming’ sponsored by Andhra Pradesh Pollution Control Board, Vijayawada from 7th to 9th October 2019 organized by the department of Physics, Maris Stella College, Vijayawada.
- Participated in 3-Day National Workshop on ‘Video Content Creation’ organized by IQAC Marian College Kuttikannam (Autonomous) on 15th to 17th April 2020.
- Participated in the Online workshop on "Question Bank Preparation and Validation" organized at Maris Stella College sponsored by the United Board, South Asia from 31st August to 4th September 2020.

- Participated in the workshop on "Capacity Building in Higher Education" organized at Maris Stella College sponsored by the United Board, South Asia during 5th and 6th March 2021.
- Participated in a three day National virtual conference on ‘WOMEN EMPOWERMENT: GENDER, HEALTH AND SPACE SCIENCE’, jointly organized by the Department of Physics, and IQAC Maris Stella College, Vijayawada from 07th - 09th October, 2021.
- Participated in the Online workshop on "Formal Written Communication" organized at Maris Stella College sponsored by the United Board, South Asia held from 19th and 23rd October 2021.
- Participated in the ICSSR-SRC funded Three-day Virtual National Conference on “Towards Aatmanirbhar Bharath : Realization of a Five Trillion Dollar Economy” held from 24th - 26th of May, 2022, organised by the Department of Economics and Internal Quality Assurance Cell (IQAC).
- Participated in National seminar on “Recent Trends in Information and Communication Technologies-2023” organized by Department of Computer Science, Krishna University, Machilipatanam during 3rd & 4th January 2023.
- Participated in a FDP: Three-day online National Workshop on “The AI Educators Toolkit: Enhancing Learning & Advancing Research” organized by Maris Stella College (Autonomous) on 21st, 22nd and 23rd November 2023.

FDPs/Training Programs Attended:

- Trained in “Cloud Computing” from 16th August 2017 to 21st November 2017 by Mrs. M. Mohana Deepthi , Asst.Professor, Department of CSE, Andhra Loyola Institute of Engineering and Technology, Vijayawada.

- Trained in “Hadoop Programming” from 23rd August 2017 to 18th November 2017 by Mr. K. Siva Rama Krishna Asst.Professor, Department of CSE, Andhra Loyola Institute of Engineering and Technology, Vijayawada.
- Participated in the Faculty Development Programme on “Big Data Analytics through Hadoop” organized by department of Computer Science, P.B.Siddhartha College of Arts and Science in association with “BRAINO VISION” during 3rd and 4th November 2017.
- Participated in the Faculty Development Programme on “Teaching as a Facilitator of Learning” organized by Maris Stella College, during 5th and 6th June 2019.
- Participated in the Faculty Development Programme on “IPR” organized by Maris Stella College, during 16th November 2019.
- Participated in the Faculty Development Programme on “Mentoring” organized by Maris Stella College, during 08th January 2020.
- Participated in the Faculty Development Programme in Computer Science and Computer Applications on the theme of “Design Thinking and Innovations @ 21st century Computational Skills: Artificial Intelligence, Machine Learning, Big data & Internet of Things, BlockChain Technology, Quantum Internet, Algorithms, GIS, Business 4.0 and Cyber Security” from 24th -28th August 2020 organized by CCE, AP, Vijayawada.
- Participated in a National Level One Week Faculty Development Program on “Multi-Technology” from 28th June to 3rd July 2021 organised by the Department of Computer Science, P B Siddhartha College Of Arts & Science in association with National Youth Council of India and Brainovision Solutions India Pvt. Ltd.
- Participated in the FDP on "An Introduction to Hybrid Technology" organized at Maris Stella College sponsored by the United Board, South Asia on 21st July 2021.

- Participated in the five-day Faculty Development Programme on “OER and Publishing of Interactive Content Using H5P” held from 26th to 30th July, 2021 organised by the IQAC, Maris Stella College, Vijayawada.
- Participated in the online faculty development programme on "Introduction to Python Programming" conducted by ICT Academy from 27th September to 01st October 2021.
- Participated in the three-day virtual professional development programme on "Motivating Motivators: Practical Tips, Strategies and Skills" organized by the IQAC Maris Stella College from 18th to 20th November 2021.
- Participated in the five-day virtual Faculty Training Programme on ‘Concepts and Service-Learning Models’ held from 7th to 11th February, 2022 organised by the IQAC, Maris Stella College, Vijayawada sponsored by the United Board, South Asia.
- Participated in the one-week online faculty development programme on "Amazon Web Services" Organised by Andhra Loyola Institute of Engineering & Technology in collaboration with Brainovision solutions India Pvt. Ltd & AICTE from 22nd to 27th August 2022.
- Participated in the faculty development programme on "Learning Through Language Supportive, Interactive & Inclusive Pedagogy" Organised by the IQAC Maris Stella College in collaboration with the US Consulate, Hyderabad. from 12th to 14th September 2022.

Membership in Professional Bodies: NIL

Recognition/Awards: NIL