

Maris Stella College (Autonomous), Vijayawada



Name: P. Vidhyavathi

Educational Qualification: M.C.A

Designation: Assistant Professor

Years of experience: 09

Maris Stella College: 09

Other Institutions: Nil

G Suite Email Id: vidhyaprattipati@marisstella.ac.in

Email Id: vidhyaprattipati@gmail.com

Languages Known: English, Telugu and Hindi

Areas of Interest: Database Management Systems, Operating Systems, Data Structures, Flash Animations, MS-Office, HTML, VB.NET, C, C++.

Academic Contribution:

1. APSSDC Coordinator.
2. Member of Attendance Committee.

Academic Profile:

Year of passing	Qualification	Specialisation	University	Percentage
2008	Graduation	B.A - MES	A N U	69
2011	Post-Graduation	M.C.A	JNTU	80

Refresher Courses/Orientation Courses/Short Term Courses Attended: -
Nil

Research Publications:

a) **Journals:** 06

1. Published an International Journal entitle “**A review on Hadoop: privacy for a multi-skyline queries with mapreduce**”, in International Journal of Science Engineering and Advance Technology (IJSEAT), VOL – 5, Issue No . 10, Page No. 1004 – 1007, ISSN – 2321-6905, October 2017.
2. 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.
3. 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.
4. 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
5. 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
6. 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

Conference Proceedings : 01

1. Published a paper on '**Soil Moisture sensor for Irrigation based on IOT**', 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

1. Presented and published a paper on "**A study on impact of Social Media Addiction of Students**" in the National Conference on Emerging Trends in Computational Science & Technology – 2023" organized by Department of Computer Science & Applications, KBN College (Autonomous) in collaboration with Krishna University on 29th and 30th September, 2023. ISBN: 978-81-958673-8-7. Page No:100.

Research Projects: Nil**Books Published/Chapters in Books: Nil****Research Guideship: Nil****Workshops/Seminars/Webinars/Conferences conducted:**

1. 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:

1. 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.

2. Participated in the UGC Autonomous grant supported Two Day National Workshop on “Data Sciences and its applications “ in collaboration with Krishna university, Machilipatnam on 15th and 16th September 2017, organized by department of Computer Science and Applications, KBN College (Autonomous), Vijayawada.
3. 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.
4. 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.
5. Participated in a 2-Day Workshop on ‘BELBIN - Team Roles’ organized by Maris Stella College (Autonomous) on 09th to 10th March 2020.
6. Participated in 3-Day National Workshop on ‘Video Content Creation’ organized by IQAC Marian College Kuttikannam (Autonomous) on 15th to 17th April 2020.
7. 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.
8. 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).

9. Participated in the United Board sponsored Phase II: Two-day Capacity Building Workshop for Faculty on ‘Research Methodology & Manuscript Writing on Service-Learning Programmes’ held during 25th & 26th April 2023

organised by the IQAC.

10. Participated in the Faculty Development Programme: Three-day Workshop on ‘Learning Through Language Supportive, Interactive & Inclusive Pedagogy’ from Sept. 12 to Sept. 14, 2022 organised by the IQAC in collaboration with the US Consulate, Hyderabad.

11. 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:

1. Got 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.

2. Got 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.

3. 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.

4. Participated in MeitY, Govt. of India, Sponsored One week Faculty Development Programme on “Outcome Based Education (OBE)” organised by the E & ICT Academy, NIT Warangal at Indian Institute of Information Technology Design and Manufacturing (IIITDM), Kurnool from 6th – 11th May, 2019.

5. Participated in the Faculty Development Programme on “Teaching as a Facilitator of Learning” organized by Maris Stella College, during 5th and 6th June 2019.

6. Participated in the Faculty Development Programme on “IPR” organized by Maris Stella College, during 16th November 2019.

7. Participated in the Faculty Development Programme on “Mentoring” organized by Maris Stella College, during 08th January 2020.

8. 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.

9. Participated in a National Level One Week Faculty Development Program on “Multi-Technology” from 28th June 2021 to 03rd 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.

10. 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.

11. Participated in the 12 hours of Faculty Development Programme on “Fundamentals of AI (Online Live FDP) conducted by ICT Academy on 13th to 17th September, 2021.

12. 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.

13. Successful completed of One week Faculty Development Program on "Amazon Web Services" during the period of 22nd August 2022 to 27th August 2022 Organized by Departments of CSE & IT of ANDHRA LOYOLA INSTITUTE OF ENGINEERING & TECHNOLOGY in collaboration with BRAINOVISION SOLUTIONS INDIA PVT.LTD & ALL INDIA COUNCIL FOR TECHNICAL EDUCATION – AICTE.

14. Participated in One-day National Webinar on 'Effective Implementation of NEP 2020: Role of Teachers & Institutions' on 08.10.2022 organised by the IQAC, Maris Stella College (A), Vijayawada.

Membership in Professional Bodies: Nil

Recognition/Awards: Nil