



P.Sowjanya
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Department of Computer Science and Engineering
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Interests:

Mrs. P.Sowjanya is currently Assistant Professor in Department of CSE.

Mrs. P.Sowjanya has 8 years of experience in teaching. She has 2 International journals and 2 Book Chapters. She had done NPTEL Courses.

Mrs. P.Sowjanya attended many Workshops, FDP, Seminars, etc.

Course Taught Previously

UG:

- C-Programming
- Operating Systems
- Java Programming
- Data Structures
- Computer Networks
- C++ Programming
- Data Mining and Data Warehousing
- Cryptography and Network Security
- Web Technology

Various Laboratories Handled:

- C-Programming lab
- OS- lab
- Java Programming lab
- Data Structures lab
- C++ Programming lab
- Data Mining and Data Warehousing lab
- Web Technology lab

International Publications:

1. Mrs. P.sowjanya “Binary Matrix Approach for Mining Frequent Sequential Pattern in Large Databases”, International Journal of Advanced Research in Computer Science and Software Engineering -Online Volume 4, Issue 12, December 2014
2. Dr. K.Gopi Krishna and Mrs. T.sowjanya “Integration Of Assign Architecture With Active And Passive Remote Sensor Networks For Healthcare Sector”, International Journal of Engineering Research-Online Vol.5., Issue.1., 2017 January-February

Book Chapters:

1. Published **Online Identifying and Avoiding Phishing Frauds** Book chapter with ISBN No: 978-93-5636-162-1 and Title of the book is Top5 Technology Trends in World Transforming Data to Knowledge
2. Published **Detection of Fake News Using Techniques in Machine Learning** Book Chapter with ISBN No:978-93-5437-721-1 and Title of the book is Recent Challenges and Application of Machine Learning and Data Science

Seminars/Workshops/Conferences/FDP`s attended

| S. No | Name of the Programme | Dates | Organized by |
|-------|--|--------------------------------------|---|
| 1. | AICTE Training and Learning(ATAL) Academy Online Elementary FDP on “Recent Advancements in Deep Learning” | 07-02-2022 to 12-02-2022 | Anurag Engineering College, Ananthagiri, Suryapet, Telengana |
| 2. | Faculty Development Program on "Amazon Web Services" | 22nd August 2022 to 27th August 2022 | Department of CSE, GMRIT, RAJAM in collaboration with BRAINOVISION SOLUTIONS INDIA PVT.LTD, CSI & AICTE |
| 3. | Online Faculty Development Program on Recent Trends in Web Application Development for industry 4.0 | 18-10-2022 to 22-10-2022 | Department of IT Of GMRIT –Rajam and Department of Computer Science and Systems Engineering of AU |
| 4. | NPTEL E-Awareness workshop | 27-01-2023 | NPTEL |
| 5. | Online Faculty Development Program on Data Science and Python | 30-01-2023 to 03-02-2023 | Shridevi Institute of Engineering and Technology in Collaboration with ExcelR |
| 6. | Faculty Development Program on Current trends in artificial Intelligence and Engineering Applications in the area of Machine Learning and Deep Learning during | 06-02-2023 to 10-02-2023 | JNTUGV , Vizianagaram |
| 7. | 5 Days Online International Faculty | 15-05-2023 to 19-05- | K L Deemed to be |

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| | Development Program on Data Science and Chat GPT | 2023 | University in Collaboration with ExcelR. |
| 8. | Faculty Development Program on “Machine Learning- In Practice | 19-06-2023 to 24-06-2023 | Lakireddy. Bali reddy college of Engineering |
| 9. | Faculty Development Program on “Machine Learning Applications” | 08-07-2023 to 15-07-2023 | E&ICT Academy, NIT Warangal jointly with IIITDM Kurnool, DIET Visakhapatnam. |
| 10. | NAAC Sponsored Seminar on Quality Initiatives on Effective Pedagogical Methods to obtain Expected Outcomes | 11-08-2023 to 12-08-2023 | IQAC of DIET Visakhapatnam |
| 11. | National Level Online Workshop on “Full Stack Web Application Development” | 22-09-2023 to 23-09-2023 | Department of Information Technology, R. V. R. & J. C. College of Engineering, Guntur, Andhra Pradesh. |
| 12. | 10 Hours National Faculty Development Program on Deep Learning and Artificial Intelligence | 26-02-2024 to 1-03-2024 | Andhra Pradesh State Skill Development Corporation(APSSDC) in Collaboration with ExcelR Edtech Pvt.Ltd |
| 13. | 10 Hours National Faculty Development Program on Data Analytics Using Power BI and Tableau | 11-03-2024 to 15-03-2024 | CS -Parul University - Gujarat, Atria Institute of Technology- Karnataka & Amity Pune – Maharashtra in Collaboration with ExcelR Edtech Pvt.Ltd |
| 14. | 10 Hours National Faculty Development Program on GenAI and Prompt Engineering using Microsoft Copilot | 15-04-2024 to 19-04-2024. | P B Siddhartha College of Arts & Science, Department of CSE(DS) - Saraswati College of Engineering & CMR College of Engineering & Technology in Collaboration with ExcelR Edtech Pvt. Ltd. |
| 15. | Faculty Development Program on "AI in Education and Corporate Settings" | 29-07-2024 | Edubot Software and Services, APITA |
| 16. | 10 Hours National Faculty Development Program on Machine Learning and Artificial Intelligence | 12-08-2024 to 19-08-2024. | Pimpri Chinchwad College of Engineering and Research, Ravet, Pune – Maharashtra, Sri Venkateswara Degree College, Kadapa - Andhra Pradesh, SJB Institute of Technology, Bangalore – |

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| | | | Karnataka and Sri Indu PG College, Hyderabad – Telangana in Collaboration with ExcelR Edtech Pvt. Ltd. |
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Details of Online Courses

| S. No | Title of the Course | Dates | Organized by |
|--------------|---|--------------|---------------------|
| 1. | AWS Academy Cloud Foundations | 11/8/2022 | AWS |
| 2. | AWS Academy Cloud Architecting | 20/8/2022 | AWS |
| 3. | Problem Solving Through Programming in C | Jun-oct 2022 | NPTEL |
| 4. | Azure Fundamentals | 15/12/2022 | Microsoft |
| 5. | Cyber Security:Best Practices, Trends, Technologies & Myths | 12-08-2023 | Udemy |
| 6. | Programming in Java | Jan-Apr 2024 | NPTEL |

Additional Responsibility:

RESPONSIBILITIES WITHIN THE INSTITUTE:

1.Department Criteria-4 member.