



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

	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 –

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

<b>S. No</b>	<b>Title of the Course</b>	<b>Dates</b>	<b>Organized by</b>
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.