



P.E.S. College of Engineering, Mandya-571401


(An Autonomous Institution, Affiliated to VTU, Belagavi)

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS



Faculty Profile

General

Name	SOWMYA BP	
Designation, Department & Affiliated Institution	Assistant Professor Department of Master of Computer Applications P.E.S College of Engineering, Mandya – 571 401	
Research Area	Computer Networks, Wireless sensor networks, Deep Learning	
Contact Number	+91 80955 44554	
Email ID	somi87@gmail.com	

Academic Profile

Educational Qualification

Degree	College	University	Year of Passing	Percentage /CGPA Obtained	Class
Ph. D	Title: “Channel Prediction Strategy for Secondary User in Cognitive Radio Sensor Network using Deep Learning” Pursuing Under the Guidance of Dr. Supriya M C, Associate Professor, SSIT, Tumkur				
MCA	PESCE, Mandya	VTU	2011	8.29(CGPA)	First Class with Distinction
BSc (EMCs)	Sharada Vilas Mysore	University Of Mysore	2008	70.56 %	First Class

Professional Experience

Organization & dept.	Designation	Period	Total No. of Experience
P.E.S. College of Engineering, Mandya	Temporary Assistant Professor	02.08.2014 – Till Date	6 Year 1month
	Temporary Lecturer	03.10.2011 – 01.08.2014	2 Years 9months

Report on Academic and Research Activities

Academic Activities

Teaching (details of courses taught)	Postgraduate (MCA): Problem-solving using C, Business data processing using COBOL, Professional communication and Ethics, Data warehousing and data mining, Object-oriented modeling and design, Basics of MIS and E-Commerce, Software testing and practices, Computer Graphics, Introduction to UNIX, Data Structures Using C, Python Programming, Programming with Java.
NPTEL Online Certification	<ol style="list-style-type: none"> Python for Data Science Software Testing

Research Publications in Refereed Journals and Conferences/Symposia		
Papers in Refereed Journals(No.)	National	International
	-	08
Papers at Conference(No.)	National	International
	01	-
Other Important Responsibilities Held in the College		
<ul style="list-style-type: none"> • Worked at Autonomous Examination Section • Worked in the graduation ceremony • Co-ordinator in conducting the workshop 		

LIST OF PUBLICATIONS

List of International Journals

1. Nandan D P and BP Sowmya, "All in One Vehicle Booking System" International Journal of Emerging Technology in Computer Science and Electronics (IJETCSE), Volume 26, Issue 4, June 2019, ISSN: 0976-1353, pp: 1-2.
2. Girish Prasad R and BP Sowmya, "GPS Tagged Factory Licence and Pollution Certificate" International Journal for Scientific Research & Development (IJSRD), Volume 6, Issue 4, June 2018, ISSN: 2321-0613, pp: 810-811.
3. Suchitha R C and BP Sowmya, "Comfortzone Management Android App" International Journal on Electronics & Wireless Communication Engineering (IJEWCE), Volume 10, Issue 10, March 2018, ISSN: 2454-9924, pp: 1-4.
4. Surabhi T R and BP Sowmya, "Multichannel Multipath Product Distribution" International Journal on Electronics & Wireless Communication Engineering (IJEWCE), Volume 10, Issue 10, March 2018, ISSN: 2454-9924, pp: 1-4.
5. Kavanashree M and BP Sowmya, "AI of Bank Statement Verification" International Journal for Scientific Research & Development (IJSRD), Volume 6, Issue 4, March 2018, ISSN: 2321-0613, pp 810-811.
6. Adarsh N and BP Sowmya, "Question Paper Generation and Exam Management System" International Journal for Scientific Research & Development (IJSRD), Volume 6, Issue 4, March 2018, ISSN: 2321-0613, pp 468-469.
7. Varsha G R and BP Sowmya, "Predictive Student Analysis" International Journal for Scientific Research & Development (IJSRD), Volume 6, Issue 4, March 2018, ISSN: 2321-0613, pp 857-858.

8. Sunil D and BP Sowmya, "Chronic Kidney Diseases Analysis Using Data Mining", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT), Volume 2, Issue 4, July-August 2017, ISSN: 2456-3307, pp 508-511.

List of National Conference

1. BP Sowmya and Supriya MC, "An Introduction to Cognition radio and channel Selection for Spectrum Sharing Survey research" National conference on Computer science and Management Applications (NCCSMA-2019).