P.E.S. College of Engineering, Mandya - 571401
(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	*Sowmya Shree K.M*
Designation,	*Assistant Professor*
Department & Affiliated Institution	*Department of Master Of Computer Applications, P.E.S College of Engineering, Mandya – 571 401*
Research Area	*Software Engineering, Web Technologies, Machine Learning, IOT*
Contact Number	*+91 9480658262*
Email ID	*sowmyahunya@gmail.com*

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	*P.E.S.C.E,Mandya*	*VTU, Belagavi*	*Registered in 2019*		
M.C.A	*P.E.S.C.E,Mandya*	*VTU, Belagavi*	*2004*	*69*	*I - Class*
B. Sc	*P.E.S.C.E,Mandya*	*University of Mysore, Mysuru*	*2001*	*58*	*II - Class*

Professional Experience

Organization and Department	Designation	Period	Total Experience
PESCE, Mandya, MCA	*Temporary Lecturer*	*2005-2006*	*1 Year 5 months*
PESCE, Mandya, MCA	*Lecturer*	*2007-2011*	*4 years*
PESCE, Mandya, MCA	*Assistant Professor*	*2011 to Till date*	*9 Year 4 months*

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	*Post Graduate (M.C.A):* *Communication and Ethics, C Programming, Object Oriented Programming with C++, Data Structures, Web Programming, Software Engineering, Management Information System, Software Testing, Design and analysis of Algorithms.*

Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph. D.	M.Sc., Engg.	M.Phil
Awarded	*Nil*	*Nil*	*Nil*
Pursuing	*Nil*	*Nil*	*Nil*

Sponsored Research Projects   (List of Projects taken up /completed and funds receiver & funding sources)

Project Title	Project Funded by	Grants Sanctioned	Grants Received
-	-	-	-

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	-	*18*
Conferences/Symposia	*05*	*01*

Other Important Responsibilities Held in the College

1. *BoS member*	3. *Library council member*
2. *Co-ordinator for business incubator*	4. *Member of IQAC*

LIST OF PUBLICATIONS

1. Divya .N and Sowmyashree K M, "Anomaly Based Intrusion Detection System through Feature Selection Analysis and Building Hybrid Efficient Model ", International Journal of Engineering Research and Technology (IJERT), Volume 8, Issue 14, ISSN : 2278-0181, pp: 242-244, special issue 2020.

2. Rashmi .K and Sowmyashree K M, " Crop Prediction using Geographically Distributed Big Data ", International Journal of Engineering Research and Technology (IJERT), Volume 8, Issue 14, ISSN : 2278-0181, pp: 250-252, special issue 2020.

3. Swaraj C.M and Sowmyashree K M, "IOT based Smart Agriculture Monitoring and Irrigation System ", International Journal of Engineering Research and Technology (IJERT), Volume 8, Issue 14, ISSN : 2278-0181, pp: 245-249, special issue 2020.

4. Deepika .K and Sowmyashree K M, "Child Location Monitoring App", International Journal of Engineering Science and Computing (IJESC), Volume 9, Issue 6, ISSN : 2250-1371, pp: 22821-22822, June 2019.

5. Arun Kumar Y and Sowmyashree K.M "Agriculture Prediction Using Machine Learning", International Journal for Science and Advance Research in Technology (IJSART), Volume 5, Issue 5, pp: 1056-1058, ISSN: 2395-1052, May 2019.

6. Nisarga K.L and Sowmyashree K.M "Project Tool Management", International Journal for Scientific Research and development(IJSRD), Volume 7, Issue 3, pp : 1747-1749, ISSN : 2321- 0613, May 2019.

7. Sunil Kumar N and Sowmyashree K.M "Stenography using image audio video", International Journal for Scientific Research and development(IJSRD), Volume 6, Issue 5, pp : 64-66, ISSN : 2321-0613, 2018.

8. Arpitha N S and Sowmyashree K M "Online Furniture Shop Management", International Journal for Scientific Research & Development (IJSRD), Volume 6, Issue 4, pp : 291-292, ISSN : 2321-0613, 2018.

9. Vinay S and Sowmyashree K M "Online Subversion Networking", International Journal for Scientific Research & Development (IJSRD), Volume 6, Issue 4, pp : 1080-1082, ISSN : 2321- 0613, 2018.

10. Shivamurthy M C and Sowmyashree K M, "Malicious Detection in Social Media", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT), Vol 2, Issue 3, pp : 810-812, May-June 2017, ISSN : 2456-3307.

11. Karthik K and Sowmyashree K M, "Smartphone-Based Wound Assessment System for Patients with Diabetes", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT), Vol 2, Issue 3, May-June 2017, ISSN : 2456-3307, pp 905-910.

12. Navya N Rao and Sowmyashree K M, "Work Flow with Service Level Agreement", International Journal of Engineering Science and Computing (IJESC), June 2017, Vol 7, Issue 6, ISSN : 2250-1371, pp : 13230-13232.

13. Deepika V M and Sowmyashree K M, "Digitization and Tracking of Thief Vehicles", International Journal of Engineering Science and Computing (IJESC), Vol 7, Issue 6, June 2017, ISSN : 2250-1371, pp : 13086-13090.

14. Deepa P and Sowmyashree K M, "Clinical Management System Using Android Application", International Journal of Engineering Science and Computing (IJESC), Vol 7, Issue 6, June 2017, ISSN : 2250-1371.

15. Ameena Naz and Sowmyashree K M, "Field Assessment Tool for Retail Domain", International Journal of Engineering Science and Computing (IJESC), June 2017, Vol 7, Issue 6, ISSN : 2250-1371, pp : 13288-13293.

16. Ashwini S G and Sowmyashree K M, "GreenDroid: Automated Diagnosis of Energy Inefficiency for Smart Phone Application", International Journal of Engineering Science and Computing (IJESC), Vol 7, Issue 6, ISSN : 2250-1371, pp : 13472-13475, June 2017.

17. Nisha K S and Sowmyashree K M, "ISPORTS", International Journal of Engineering Science and Computing (IJESC), Vol 7, Issue 6, ISSN : 2250-1371, pp : 12940-12942, June 2017.

18. Nischitha N and Sowmyashree K M, "Steganograph Using Reversible Texture Synthesis", International Journal of Scientific Progress and Research (IJSPR), ISSN : 2349-4689, pp 105-108, May-June 2017.

LIST OF NATIONAL CONFERENCE

1. Divya .N and Sowmyashree K M, "Anomaly Based Intrusion Detection System through Feature Selection Analysis and Building Hybrid Efficient Model ", 1st national conference on Emerging Trends in Engineering Science for Future Technology-(NCETESFT 2020) organized by Sri Siddhartha Institute Of Technology, Tumkur, in association with Technical Institute for Engineers (T.I.E),Bengaluru on 5th August .

2. Rashmi .K and Sowmyashree K M, " Crop Prediction using Geographically Distributed Big Data ", 1st national conference on Emerging Trends in Engineering Science for Future Technology-(NCETESFT 2020) organized by Sri Siddhartha Institute Of Technology, Tumkur, in association with Technical Institute for Engineers (T.I.E),Bengaluru on 5th August .

3. Swaraj C.M and Sowmyashree K M, "IOT based Smart Agriculture Monitoring and Irrigation System ", 1st national conference on Emerging Trends in Engineering Science for Future Technology-(NCETESFT 2020) organized by Sri Siddhartha Institute Of Technology, Tumkur, in association with Technical Institute for Engineers (T.I.E),Bengaluru on 5th August .

4. Sowmyashree K M , Nidhushree H J , "Governing Software Process ", Two day National level Conference on "Current Trends in e-Governance" organized by Department of Computer Science and Commerce and Management , Govt College(Autonomous), Mandya in association with Centre for e-Governance, Bengaluru on 15th & 16th February 2020.

5. Nischitha N and Sowmyashree K M, "Steganograph Using Reversible Texture Synthesis", 3rd National Conference on Emerging Ternds in Computer Science and Engineering (NCETCSE-2017) in Association with International Journal of Scientific Progress and Research (IJSPR), May-June 2017.

LIST OF INTERNATIONAL CONFERENCE

1. Sowmyashree K M, Veena M N "Review on different traditional and machine learning techniques for irrigation planning for crop yield prediction", International Conference on Recent Innovative Trends in Computer Science and Applications (ICRITCSA-2019), held at M S Ramaiah Institute of Technology, Bangalore on October 25th & 26th 2019.