RESUME

Personal Information

Name	:	Mrs. Sowmya Nagasimha Swamy
Designation	:	Assistant Professor
Department	:	Computer Department
		Vidya PrasarakMandal's College of
		Engineering/Polytechnic,
		College Campus,Thane(W)-400601

Educational Qualification

- ❖ **PhD** (Pursuing) from K. J. Somaiya Vidyavihar University in Computer Engineering, Mumbai.

- ❖ **Master of Engineering** from Ramrao Adik Institute of technology in Information Technology, Navi Mumbai.

- ❖ **Bachelors of Engineering** from Vivekananda Institute of Technology in Telecommunication Engineering, Bangalore.

- ❖ **PUC** from Christ college, Karnataka State Board, Karnataka

- ❖ **SSC** from Rastriya Vidyalaya, Karnataka state Board, Karnataka

Experience

- ❖ VPM' s College of Engineering as Assistant Professor currently

- ❖ VPM's Polytechnic as a Lecturer, Thane

- ❖ Teleman Institute of Wireless Technology as Technical Trainer, Thane

- ❖ K. K Wagh College of Engineering, Nashik

- ❖ TNTI as a Telecom Trainer, Thane

- ❖ Sphere Techno Solutions as Embedded Engineer, Thane

Papers Presented in Conferences

- ❖ "**Sentiment Analysis of Multilingual Mixed-Code, Twitter Data Using Machine Learning Approach.**"

  International Conference on Innovative Computing and Communications. November 2022, Springer Conference, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 1388) DOI https://doi.org/10.1007/978-981-16-2597-8_58 .

- ❖ **Security threats in the application layer in IOT application**"

  International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC). 10.1109/I-SMAC.2017.8058395.

Conference attended

- ❖ "Annual Research Meet Conference "at K J Somaiya Vidyavihar University, Mumbai.

- ❖ "Smart Material and Manufacturing Trends in Engineering and Applied Science (SMTEAS)" Organized by Department of Electronics and Telecommunication V.P.M.'s College of Engineering and V.P.M.'s Polytechnic, Thane.

- ❖ "Legal Protection and Improvement of the Environment: Challenges and the Way Forward" Sponsored by Maharashtra Pollution Control Board, Mumbai, conducted by IQAC of Thane Municipal Council Law College in association with IQAC through Department of Environmental Science & Department of Biodiversity Wildlife Conservation and Management of B. N. Bandodkar College of Science.

- ❖ "4 th International Conference on Innovative Computing and Communication (ICICC-2021)" organized by Shaheed Sukhdev College of Business Studies, University of Delhi, New Delhi, India in association with National Institute of Technology Patna, India and University of Valladolid, Spain.

- ❖ "International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2017), by the SCAD Institute of Technology at Palladam, Coimbatore, India.

Consultancy Projects

- ❖ Sentiment Analysis of Multilingual, Mixed Code Twitter Data using Machine Learning.
- ❖ Multi Language Translator using Deep Learning Technique (Personal).
- ❖ Android based Apps.
- ❖ AI based Chatbot for medical related field using Artificial Intelligence (Personal).
- ❖ Line Follower Robot, Using Raspberry Pie.
- ❖ All in one sensors board using microcontrollers.
- ❖ Real Time Bi phase debugging station, National Aeronautical Limited (NAL), Bangalore.
- ❖ PIC to PIC messaging system.

Awards and Achievements

- ❖ Designing the Maharashtra State board of Technical Education Manual for Computer Engineering Second Year Diploma for Database Management system subject.
- ❖ Awarded first rank for Academic Excellence and was rewarded a cash prize of 25000 in Ramrao Adik Institute of technology.
- ❖ Completed the IBM' s Course on Penetration Testing, Incident Response and Forensic.
- ❖ Diploma in Yoga from Ghantali Mitra Mandal Yoga Division Thane, (Recognized by Govt of Maharashtra).
- ❖ Certified Bonsai artist.

Date: *22/02/2025*

Place: Thane   *Mrs. Sowmya Nagasimha Swamy*