

**Dr. K. PAVITHRA**

**Email:** [pkpavikrishna@gmail.com](mailto:pkpavikrishna@gmail.com)

**Contact no:** 9788097997

### ***Career Objective***

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*To utilize my teaching and administration skills in a reputable college.*

### ***Profile Summary***

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- ✓ *Five years experience in research*
- ✓ *Four years experience in teaching*

### ***Research Experience***

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***April 2014 to October 2019***  
***(Ph.D Full-Time)***

***Subject :*** *Computer Science*

***Specialization :*** *Advanced Networks*

***Work Area:*** *Congestion Avoidance and Control in Networks*

***College:*** *Government Arts College, Udumalpet*

***University:*** *Bharathiar University, Coimbatore.*

### ***Professional Experience***

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***June 2008 to February 2012***

***Assistant Professor***

***Vidyasagar College of Arts and Science, Udumalpet.***

### ***Education Qualification***

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***Ph.D (FT)***

***Government Arts College,  
Udumalpet***

***Bharathiar University,  
Coimbatore.***

***Mphil (2012)***

***SRMV College of Arts and Science,  
Perianayaikanpalayam.***

***Bharathiar University,  
Coimbatore.***

***MCA (2007)***

***Bharathiar University, Coimbatore.***

***Bharathiar University,  
Coimbatore.***

***B.Com (CA) (2004)***

***Maharani Arts and Science College,  
Dharapuram.***

***Bharathiar University,  
Coimbatore***

## ***Paper published related to research work***

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- ✓ “A Study on Congestion Control Algorithm in Computer networks”, *International Journal of Advanced networks and Application (IJANA)*, Special Issue, March 2015.
- ✓ “A Survey on Performance of Different TCP variants”, *International Journal of Computing (IJMAN)*, Vol. 6, Issue 3, July 2016.
- ✓ “Best Fit node placement based Congestion control mechanism in wireless sensor networks”, *International journal of engineering technology science and research*, Vol. 4, Issue 7, July 2017.
- ✓ “Agility based safety growth of Slow-Start Congestion Avoidance and Control Scheme in TCP”, *International Journal of Intelligent Engineering and Systems*, Vol. 10 , No. 6, 2017.

## ***Strengths***

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- ✓ *Positive Attitude and Self Confident.*
- ✓ *Ability to work with team as well as Individual.*

## ***Personal Details***

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**Date of Birth** : 15/07/1984  
**Gender** : Female  
**Marital Status** : Married  
**Address** : 3/260A Venkatesha Nagar,  
S.V. Mills(po),  
Udumalpet(TK),  
Tirupur(DT). Pin Code - 642 128.

## ***Declaration***

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*I hereby declare that all the information provided above is true to the best of my knowledge.*

**Place:** Udumalpet  
**Date:**

**(PAVITHRA.K)**