Name   : Mr. **N. Sivakumar**

Designation: Assistant Professor / HOD

Department: Information Technology

Qualification: M.Sc.,M.Phil.,(Ph.D)

Experience   : Teaching: 14 Years

Area of Specialization(s): Networks

Email (Official ID): sivakumar@ksgcollege.com

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph. D.	Computer Science	KSG College of Arts and Science / Bharathiar University	Pursuing
M. Phil.	Computer Science	Prist University, Thanjavur	2009
M.Sc	Computer Science	GRD College of Science Coimbatore / Bharathiar University, Coimbatore.	2007
B. Sc.	Information Technology	Sikkim Manipal University / Sikkim	2005

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
DIPLOMA HDSE	ORACLE and C++, C	Aptech, Ooty	2001
DIPLOMA	DECE	GPT Ooty	1996

Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	-
M. Phil.	2	--

Research Publications

1. Mr,.N. Sivakumar Published "An Analytical Study of Hierarchy Protocol for Energy Conservation in Wireless Sensor Networks". International conference at AJK College of Arts and Science college, Coimbatore. Gujarat Research Society. ISSN 0374-8588. On 16.12.2019

2. Mr,.N. Sivakumar Published "A Semi- Non-Negative Matrix Factorization and Principal Component Analysis Unified Framework for Data Clustering" International Journal of Advanced Research in Science, Engineering and Technology. Volume 5, Issue 1, January 2018 ISSN 2350 – 0328.

3. Mr,.N. Sivakumar Published "An Efficient Data Clustering Technique Using Flexible and Accurate Motif Detector Algorithm". International Journal Emerging Technologies in Engineering Research. Volume 5, Issue 12, December 2017 - ISSN: 2454-6410.

4. Mr,.N. Sivakumar Published "Multimedia Mining : Multimedia World", International Journal Emerging Technologies in Engineering Research. Volume 5, Issue 10, October 2017 - ISSN: 2454-6410.

5. Mr,.N. Sivakumar Published "Implementation of Rail Fence & position Analyze Technique for more Secure data" International " Conference Pioneer College of Arts and Science, Coimbatore ICITCSA 978-93-86176-49-3..

6. Mr,.N. Sivakumar Published Hierarchical Routing Algorithm on Wireless Sensor Network based on Traffic Records" International Journal Of Advanced And Innovative Research Volume 5, Issue 11, November 2016 - ISSN: 2278-7844.

7. Mr,.N. Sivakumar Published "Classification and Comparison of routing Protocols in Wireless Sensor Networks" " International Journal Of Advanced And Innovative Research Volume 5, Issue 10, October 2016 - ISSN: 2278-7844

Presentations in Conference

1. "An Analytical Study of Hierarchy protocol for energy Conservation in Wireless Sensor Networks ". International conference, AJK College of Arts and Science College, on 06 – 12 - 2019.

2. "Financial And Risk Analysis In Data Mining" State level conference, Michael Job College of Arts and Science for Women on 30 -08 - 2018.

3. "Implementation of rail fence & position analysis technique for more secure data International " Conference Pioneer College of Arts and Science, Coimbatore, on 06 - 01 - 2017.

Participation in Seminars

1. Attended a 1 Days National Webinar on "Software Design Techniques on 21 / 04 /2021 Organized by BCA Department KSG College of Arts and Science Coimbatore.

2. Participated 1 Days National Webinar on "Boosting Immunity During Pandemic" Organized by BCA Department KSG College of Arts and Science Coimbatore on 7/4/2021

3. Attended a 5 Days International Level program on "Effective approach to the essentials of Research" From 17/ 11 /2020 to 21/11/2020.
   Conducted by Research committee KSG College of Arts and Science Coimbatore

4. "An Analytical Study of Hierarchy protocol for energy Conservation in Wireless Sensor Networks' ' International level conference AJK College of Arts and Science Coimbatore. On 06.12.2019.

5. "Financial and Risk Analysis in Data Mining" For More Secure Data, State level seminar at Michael Job College of Arts and Science for Women Coimbatore on 30.8.2018

6. "Implementation Of Rail Fence & Position Analyze Technique For More Secure Data" International conference at Pioneer College of Arts and Science Coimbatore on 28.2.2017

7. Participated in the One day seminar on "A Journey to NAAC" at K.S.G College of arts & science, Coimbatore on 23.07.2014

8. Participated in inter collegiate tech fest on 03.01.2014 at R.V.S College of arts and science.

9. Attended a Seminar on "Synergies & Harmony between Indian Values & Modern Science" at Ramakrishna *Mission* Vidyalaya College, Coimbatore on 14.09.2013.

10. Attended a seminar on "Art of a web design & web development in open source" at K.S.G College of arts & science, Coimbatore on 06.09.2013.

Participation in Workshop

1. Attended a Workshop on "Promotion of Quality education in higher educational institutions" on 22.01.2015 at Bharathiar University, Coimbatore.

2. Attended a One day workshop on "For Better Academia". At K.S.G College of arts & science, Coimbatore on 01.08.2014.

Participation in Faculty Development Programme

1. Attended a 2 Days National Level virtual faculty development program "Blending Learning and Flipped Classrooms: Need of the Hour " from 11 / 06 /2021 to 12/06/2021. Conducted by BCA Department KSG College of Arts and Science Coimbatore.

2. Attended a 5 Days National Level virtual faculty development program on "Revised NAAC Accreditation Guidelines 2020 " from 01/ 06 /2021 to 05/06/2021. Conducted by School of Computer Science and IT Department Jain Deemed-to-to-University Bangalore.

3. Attended a 1 Days National Level faculty development program "Enthusiastic E-Learning from 31 / 05 / 2021. Organized by Department of Computer science Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore.

4. Attended a faculty development program "Learning Disabilities" 07/0/7/2018.
   Conducted by Dr.R.Ranganathan Director KSG College of Arts and Science Coimbatore.

5. Attended a faculty development program "Effective Teaching" on 29/07/2017.
   Conducted by Ms.Nivedita HOD., Dept of English at KSG College of Arts and Science Coimbatore.

6. Attended a faculty development program "Effective Communication" on 22/07/2017.
   Conducted by Dr. Sankara Narayanan Coordinator Dept of English at KSG College of Arts and Science Coimbatore.

Conference / Seminar / Workshop Organized

1. Organized computer studies, International Conference on Developing Advance Research and Computer Technology (ICDARCT 19), KSG College of Arts and Science College,20-Sep-2019.

2. Organized computer studies ``International Conference on Developing Advance Research and Computer Technology (ICDARCT 18), KSG College of Arts and Science College,28-Feb-2018.

3. Organized Computer studies " Technical Symposium", KSG College of arts and Science on 27 Sep, 2017

4. Organized Computer studies "National Conference on Developing Advance Research and Computer Technology", (ICDARCT 17) KSG College of arts and Science on 24th February,2017

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
OISCA	Annual	2016