

Name : S. PooranaSenthilkumar

Designation : Assistant Professor

Department : Computer Applications

Qualification : M.C.A., M. Phil., (Ph.D.)

Experience : Teaching: 12.7 Years Industry: 1 Year

Area of Specialization(s) : Mobile Computing, Wireless Network (Ad-Hoc), VANET

Email (Official ID) : pooranasenthilkumar@drngpasc.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Computer Science	Bharathiar University, Coimbatore	Pursuing
M.Phil.	Computer Science	Vinayaka Mission University, Salem	2009
M. C. A	Computer Applications	SSM College of Engineering, Komarapalayam	2008
B. Sc	Computer Science	Bharathidasan College of Arts and Science, Erode	2004

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
NPTEL	C Programming	IIT Kanpur	2017
SWAYAM	ANNUAL REFRESHER PROGRAMME IN TEACHING (ARPIT) - March 2019, Latest Trends in Pedagogy and Assessment	IIT Kanpur	2019

Research Publications (Indexed)

International

1. S.PooranaSenthilKumar, “IoT Applications Challenges Privacy and Security”International Journal of Research in Engineering and Science (IJRES),Vol- 9 issue-3 2021 PP. 36-39,ISSN : 2320-9356 (Indexed in UGC).
2. S.PooranaSenthilKumar, “Study on IoT Architecture, Application Protocol and Energy needs” International Journal of Scientific Research in Network Security and Communication, Vol-8, Issue-5, Oct 2020, ISSN:2321-3256.
3. S.PooranaSenthilKumar and Dr.B.Subramani, “ Survey on Vehicular Adhoc Network Existing protocol QoS Performance and Characteristics”,International Journal of Scientific research in Computer Applications and Management Studies,Vol.8,Issue.1,January 2019,ISSN:2319-1953. (Indexed in UGC).
4. S. Pooranasenthilkumar, “A REVIEW OF MAC ADDRESS FILTERING AND SPOOFING IN WINDOWS OPERATING SYSTEM”,International Education and Research Journal,Vol. 3,Issue. No. 5,pp.705-706,May-2017,E-ISSN : 2454-9916.(Indexed in UGC)
5. S. Pooranasenthilkumar, “ZIGBEE WITH XMPP APPLICATION SERVER INSTANT MESSAGE COMMUNICATIONS TOOLS”, International Journal of Trends in Research and Development, Vol.3(6),pp.323-325, Nov-Dec 2016,ISSN No:2394-9364 (Indexed in UGC)

National

1. Pooranasenthilkumar S,“ISSUES OF VARIOUS ATTACKS IN MOBILE AD-HOC NETWORKS”, Recent Trends in Computing Techniques,pp. 127-132,ISBN : 938065730-7.
2. Pooranasenthilkumar S, “ENERGY EFFICIENT ROUTING PROTOCOLS IN MOBILE AD HOC NETWORK BASED ON ENHANCED AODV ROUTING PROTOCOL”, IJCSMC International Journal, Vol-2, Issues 7,July 2013 ,Online: ISSN2320-088X.
3. Pooranasenthilkumar S, “SURVEY OF VARIOUS SECURITY ATTACKS AND IT ISSUES IN MANET”, IJETCAS international journal, Special Issue NCRICA -14- 2014, ISSN (Online): 2279-0055, ISSN (Print): 2279-0047

Presentations in Conference

International

1. A SURVEY ON FLYING AD-HOC NETWORK(FANET) COMMUNICATION PROTOCOLS, International Conference on “Research Trends in Computing Technologies ICRTCT – 18”, Dr. N.G.P. Arts and Science College, Coimbatore, 9-Sep-18 & 10-Sep-18.

National

1. SURVEY ON COMMUNICATION PROTOCOLS IN FLYING AD-HOC NETWORK (FANET), National Conference on Emerging research trends in Computer Science and Technology, SNMV College of arts and science and Institute of Management, Coimbatore, 1-Feb-19
2. MEDIUM ACCESS CONTROL PROTOCOLS FUNCTION IN OPTICAL NETWORK.National Conference on “Emerging Trends in Big -Data Technologies and Research Issues”, Dr. N.G.P Arts and Science College, Coimbatore, 24-Feb-17.
3. ISSUES OF VARIOUS ATTACKS IN MOBILE AD HOC NETWORKS, National Conference at Aignar Anna College, Krishnagiri, 07- Feb- 15
4. SECURITY ISSUES AND CHALLENGES IN WIRELESS NETWORKS . National Conference at PSGR Krishnammal College for Women,Coimbatore, 5-Feb-16.
5. A LOW POWER WIRELESS TECHNOLOGY FOR HOME APPLICATIONS USING ZIGBEE. National Conference New Innovations in Computing Technology at Navarasam Arts and Science college for women, Erode 12-Sep- 14
6. A SURVEY OF SECURITY ISSUES IN MANET, National Conference at Sri Ramakrishna Mission vidhyalya college of Arts and Science, Coimbatore , 23-Sep-14

Participation in Conference

National:

1. Emerging Education Models for 21st century Learner (NCEEM- 2015), Association of Principals of College Bharathiar University Jointly with UGC HRDC, Bharathiar University, st August 2015 at Dr.N.G.P Arts and Science College, Coimbatore. 1- Aug-15.
2. Research Trends in Computer Technologies, Dr.N.G.P. Arts and Science College, Coimbatore, 30- Jan- 14 to 31-Jan-14.

Participation in Seminars

1. CYBERSECURITY AND ITS APPLICATIONS , SRM Institute of Science and Technology Tiruchirappalli ,04-Apr-22
2. BIG DATA STORAGE AND ANALYTICS, Dr.N.G.P Institute of Technology, Coimbatore, 27- Dec-13
3. RECENT TECHNOLOGY IN IT, KG College of Arts and Science ,Coimbatore 9- Feb-13.
4. TEMPORAL PARALLELISM & UNLOCK POTENTIAL,Maharaja CoEducation Arts and Science College, Erode,21-Feb -12.

Participation in Workshop

1. NPTEL workshop, PSG College of Arts and College,22-Jan-18
2. MOBILE APPLICATION DEVELOPMENT, Dr. N.G.P. Arts and Science College, Coimbatore 18-Dec-17 to 19- Dec – 17.
3. DATA VIZUALIZATION WITH TABLEAU,Dr. N.G.P. Arts and Science College, Coimbatore 07-Aug-17 to 8-Aug-17.
4. MATLAB FOR SOLVING RESEARCH PROBLEMS, Center for Research, Dr.N.G.P. Arts and Science College, Coimbatore, 31-Jul-17.
5. FINISHING SCHOOL TRAINING PROGRAMME FOR FACULTY MEMBERS-2010, Department of Extension and Career Guidance ,Bharathiar University, Coimbatore .3-Jan-11 to 5-Jan-11.

Participation in Orientation Programme / Short Term Courses

SHORT TERM COURSE ON TEACHING AND LEARNING TECHNIQUES IN HIGHER EDUCATION,UGC Sponsored – Human Resource Development Centre, Bharathiar University, 29-Aug-16 to 3-Sep-16.

INSPIRE INTERNSHIP SCIENCE CAMP, Sponsored by Department of Science & Technology, Govt. of India, Dr. N.G.P. Arts and science College, Coimbatore, 18-Nov-13 to 22-Nov-13.

Participation in Faculty Development Programme

Five day FDP on “IQAC FDP SERIES - KNOWLEDGE TRANSFORMATION PROGRAMME”, SANKARA college of science and commerce , 24-Jan-22 to 29-Jan-22.

Five day FDP on “ BLOCK CHAIN TECHNOLOGY - APPLICATIONS, ISSUES AND CHALLENGES” , Sri Venkateswara college of Engineering and Technology, Chittoor, Andhra Pradesh from 18-Apr-22 to 22.04.2022.

Online FDP on “RESEARCH METHODOLOGY AND PEDAGOGY FOR TERTIARY EDUCATION”, Dr. N.G.P. Arts and Science, 15-Jun-21 to 21-Jun-21.

INTRODUCTION TO R PROGRAMMING, ICT Academy, Dr. N.G.P. Arts and Science College, Coimbatore, 30-Aug-18 to 31-Aug-18.

QUALITY MEASURES IN HIGHER EDUCATION, Dr. N.G.P. Arts and Science College, Coimbatore, 3-Dec-18 to 9-Dec-18.

STRESS MANAGEMENT, ICT Academy, Sri Jayendra Saraswathy Maha Vidyalaya College of Arts and Science, Coimbatore, 12-Jul-18 & 13-Jul-18.

EXPLORING DATA SCIENCE- AN INSIGHT INTO DATA ENGINEERING, Technoturf, Coimbatore, 27-Jan-18 to 28 - Jan- 18.

MOBILE APP DEVELOPMENT, ICTACT, Sengunthar Engineering College, Erode, 15-Dec-15 to 19-Dec-15

ENHANCING TEACHING SKILLS MISSION 10X, WIPRO, Dr. N.G.P. Arts and Science college Coimbatore, 6- Aug -13 to 8-Aug- 13.

.NET(C#) MICROSOFT CERTIFICATE, ICTACT, Sengunthar Engineering College, Erode, 29-Aug-12 to 2-Sep- 12.

Conference / Seminar / Workshop Organized

1. *Coordinator, Power Seminar on “EMPLOYABILITY SKILLS FOR THE FUTURE”*, ICT Academy, Dr. N.G.P. Arts and Science College, Coimbatore, 5- Jan-19.
2. *Coordinator, Faculty Development Programme on INTRODUCTION TO R PROGRAMMING*, ICT Academy, Dr. N.G.P. Arts and Science College, Coimbatore, 30-Aug-18 to 31-Aug-18.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
International Association of Engineers (IAENG)	Life-time	-