


A1	Personal Details	
Dr.V.Kumar , M.E.,Ph.D.,		
Professor & Head of CSE		
Department of Computer Science and Engineering		
Knowledge Institute of Technology, Salem - 637 504. India.		
Ph: +91-9894068769 / +91-9894701234		
Email id: hod.cse@kiot.ac.in		

A2	Areas of Specialization	Computer Networks
----	-------------------------	-------------------

A3	Subjects Taught	
UG		PG
Operating Systems		Operating Systems Internals
Computer Architecture		Network and Information Security
Fundamentals of Computer Programming		Design and Management of Computer Networks
Computer Networks		Security Practices
Object Oriented Programming		
Grid and Cloud Computing		
Data Structures		

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
Ph.D.	Networking	Kongu Engineering College,Perundurai	Anna University	2010
M.E.	Computer Science and Engineering	Dr. MGR Engineering College, Chennai	Madras University	2003
B.E.	Computer Science and Engineering	K. S. Rangasamy College of Technology, Tiruchengode	Madras University	1998

A5		Work Experience as on April 2023					
Name of the Institution		Position		From		To	
Knowledge Institute of Technology, Salem		Professor & Head		04.06.2010		Present	
JKKN College of Engineering & Technology, Komarapalayam		Professor & Vice-Principal		05.09.2008		30.05.2010	
Nandha Engineering College, Perundurai		Assistant Professor & Head of IT		04.06.2005		04.09.2008	
Velalar College of Engineering and Technology, Erode		Assistant Professor		04.06.2003		03.06.2005	
Dr. M.G.R Engineering College, Chennai		Lecturer		03.09.2001		03.06.2003	
Zygox Software (p) Ltd., Bangalore		Software Engineer		23.06.1998		02.09.2001	
Total Experience	24 Years 10 Months	Teaching	21 Years 7 Months	Research	13 Years 5 Months	Administration	12 Years 5 Months

A6	Research Publications				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	12	-	07	03	22
Recent Publications (Journals)					
1	“Energy-Efficient Cluster in Wireless Sensor Network Using Life Time Delay Clustering Algorithms”, Computer Systems Science and Engineering, Mar 2022, 43(1), 77-86. https://doi.org/10.32604/csse.2022.023481				
2	“Enhancing Network Lifetime by Implementing Energy Efficient Clustering in Wireless Sensor Network”, International Journal Research in Applied Science and Engineering Technology, ISSN: 2321-9653, May 2019.				
3	“Improving quality of service in mobile ad-hoc networks (MANETs) using adaptive broadcast scheduling algorithm with dynamic source routing protocol”, Journal of Computational and Theoretical Nanoscience ISSN: 4370-4376 Jan 2017				
4	“MultiView Point Based Similarity Measure in P2P Clustering using Pcp2p Algorithm” IJRRSS ISSN: 2349-4891 Vol 4, Issue 2, pp: 16-19 Feb 2017.				

5	"Effective use of Big data and Social Media -in Neonatal Intensive Care Unit", International Journal of Engineering and Research Technology, Vol 4, Issue 2, Feb 2015.
6	"Efficient visual Digital Signature scheme for e-governance Security", International Journal of Research in Information Technology, Vol 3, Issue 1, Jan 2015.
7	"A Public Key Cryptography Security System for Big Data", International Journal for Innovative Research in Science & Technology, Vol 1, Issue 6, Feb 2014.
8	"Pipelining and Optimal Routing Techniques for Improving the Performance of Wireless Networks", International Journal of Computer Applications, Vol.31, No.3, pp.26-33, 2011.
9	"Ant Colony Optimization Using Hierarchical Clustering in Mobile Ad Hoc Networks", European Journal of Scientific Research, Vol.61, No.4, pp.549-560, 2011.
10	"Implementation of modified MAC based pipelining technique for wireless networks", Journal of Computing, Volume 2, Issue 7, July 2010.
11	"Design of a New Medium Access Protocol for Wireless Networks Using Pipelining Method", International Journal on Systemic, Cybernetics and Informatics, 2009.
12	"Implementation of modified MAC based pipelining technique for wireless networks", Information Technology Journal 6 (8):1231-1237, 2007.
Recent Publications (Conferences)	
1	Presented a paper on "Internet of Robotics Things (IORT) - Embedded IoT Enabled Robotics Technology" International Conference on Innovations in Computer Science Engineering (ICICSE-2016)
2	Presented a paper on "World class Education by wonderful Teaching Pedagogies" @ ISTE Faculty Convention 2016.
3	Presented a paper on "A Novel Approach Range Free Prediction based Beacon Localization Protocol for Mobile Sensor Networks", International Conference on Frontiers of Computational Intelligence 2015
4	Presented a technical paper entitled "Beacon-Aided Localization Algorithm for Mobile Sensor Networks" in an International Conference held at Karpagam College of Engineering, Nov 2015.
5	Presented a paper on "A Message Passing Interface to Support Fast Data Access in Distributed Cloud Environment along with Master & Slave Communication", 2nd International Conference on Current Trends in Engineering and Technology (ICCTET 2014) 978-1-4799-7987-5

6	Presented a technical paper entitled "The New Paradigm Shift to composite Markets" in a National Conference held at JCT College of Engineering and Technology, Sep 2014.
7	Presented a technical paper entitled "On Demand Adaptable Resource Allocation for Multimedia Calls in Wireless Mobile Communication Networks" in the area of Distributed Systems for INCRUIS 2006 - International Conference on Resource Utilization and Intelligent Systems at Kongu Engineering College.
8	Presented a technical paper entitled "Virtual Scientific Visualization Laboratory" at ICSCI 2005 - International Conference held during Jan 06-09, 2005 at Pentagram Research Centre, Hyderabad.
9	Attended an International conference on "e-Learning" held during March 06-07, 2004 at PGP Engineering College, Namakkal.

A7	Memberships in Professional Bodies
S.No.	Name of the Professional Body
1	Institute of Electrical and Electronics Engineers (IEEE) - 90341307
2	Indian Society for Technical Education (ISTE) - LM 50852
3	Computer Society of India (CSI) - N1171773
4	Association for Computing Machinery (ACM) - 7337705

A8	Programs Organised
1	Six days AICTE STTP on "Social Network Analysis" conducted by Knowledge Institute of Technology from 02 th November 2020 to 07 th November 2020 & 30 th November 2020 to 05 th December 2020.
2	Teaching Learning Center (ICT) at IIT Bombay organized "One day Workshop on R" at Knowledge Institute of Technology, Salem 09 th November 2019.
3	Teaching Learning Center (ICT) at IIT Bombay organized "One day Workshop on Python" at Knowledge Institute of Technology, Salem on 22 th June 2019.
4	Five days FDP on "Hadoop (Hortonworks)" conducted by ICT Academy at Knowledge Institute of Technology, Salem from 09 th July 2018 to 13 th July 2018.
5	Seven days Anna University FDP on "GE8151 - Problem Solving and Python Programming" at Knowledge Institute of Technology, Salem from 11 th June 2018 to 17 th June 2018.
6	Organized a Two Day Workshop on "Introduction to Machine Learning" conducted by IIT Kharagpur during 16 th December to 17 th December 2017 at Knowledge Institute of Technology, Salem.

7	Five days (60hrs.) FDP on “Professional Development on Java Fundamentals and Programming” by Oracle Academy at Knowledge Institute of Technology from 24 th July to 28 th July 2017.
8	Five day Workshop on “Python programming” in association with Anna University & CSI Mumbai Chapter at Knowledge Institute of Technology from 24 th July to 28 th July 2017.
9	Organized a three day E – Box Training on “Data Structures” in association with Amphisoft Technologies from 24 th November to 26 th November 2016.
10	Organized a three day E – Box Training on “DBMS using SQL” in association with Amphisoft Technologies from 21 st November to 23 rd November 2016.
11	Organized a One day National Conference on “Social Mobile Analytics and Cloud (NACSMAC ‘16)” held on 13 th March 2016.
12	Organized 3 days’ Workshop on “Artificial Intelligence” in association with CSI from 18 th February 2016 to 20 th February 2016.
13	Organized 5 days FDP on “ASP.NET” in association with ICTACT from 15 th December 2015 to 12 th December 2015.

A9	Highlights of Major Contributions
1	Acted as a Question Paper Setter for Ph.D. Course work for Soft Computing, Sri Siddhartha Academy of Higher Education, Karnataka.
2	Acted as a Member of Bodies in Computer Science and Engineering in Arunachal University of Studies.
3	Acted as a Question Paper Setter for End semester Examination for Annamalai University, Chidambaram and Karpagam University, Coimbatore.
4	Acted as an overall Alumni Co-ordinator.
5	Overall IT Infrastructure Incharge for Institution and TCS iON Centre.
6	Establishment of ERP, DigiMAT (Digital Repository) and IonCUDOS Software (OBE Tool).
7	Peer reviewer on International Journal of Communication Systems (IJCS), Willey Publications.
8	Played a vital role in getting the Department Accredited by NBA in Nandha Engineering College.
9	Contributed more in getting the Department Accredited by CTS in Nandha Engineering College.
10	Member in supreme body meetings for all kind of Policy decision.
11	Initiated and materialized signing MoU with Infosys for Campus Connect program, RedHat India Pvt. Ltd., for RedHat Academy in Nandha Engineering College.

A10	Training Programmes Attended
1	Three Day FDP on “Research Paper Writing & Publishing” organized by A2Z EduLearningHub,Kerala from 20 th December 2021 to 22 nd December 2021.
2	National Workshop on “Ideation, Innovation, Incubation & Entrepreneurship” organized by Swami Keshvanand Institute of Technology from 12 th August 2021 to 14 th August 2021.
3	One day Online workshop on “Artificial Intelligence with ML Tools" organized by MSME on 30 th October 2020.
4	Five day Online workshop on “Universal Human Value” on the theme “Inculcating Universal Human Values in Technical Education” at (AICTE) from 10 th August 2020 to 14 th August 2020.
5	One day Webinar on “Time to Protect ourselves from COVID-19” at KIOT & KBSS on 05 th July 2020.
6	Five day workshop on “Industry Focused Program on the Role of Engineers in Making India a Five Trillion Dollar Economy” at UNITIEUP (WWW.UNITIEUP.COM) IN PARTNERSHIP WITH REYNLAB (WWW.REYNLAB.COM) 22.06.2020 to 26.06.2020 (5 Days)
7	One day Workshop on “Effective and Efficient Online Teaching in the Age of Corona" at IIT Bombay BodhiTree platform on 24 th May 2020.
8	Two-Day FDP on “Virtual Teaching” at Coimbatore Institute of Technology from 20 th April 2020 to 21 st April 2020.
9	One day Webinar on “How to Conduct Online Class to Students” organized by ATAL Incubation Centre, Pondicherry Engineering College on 08 th April 2020.
10	IIT Bombay Sponsored One day “Workshop on R” at Knowledge Institute of Technology, Salem on 09 th November 2019.
11	AICTE-ISTE Sponsored One Week Induction / Refresher Programme on “Global Environmental Issues and Challenges Monitoring Using Geographic Information (GI) Technologies” from 25 th June 2018 to 30 th June 2018.
12	Anna University Sponsored One week FDP on "GE8151 - Problem Solving and Python Programming" at Knowledge Institute of Technology, Salem from 11 th June 2018 to 17 th June 2018.
13	Attended a Five Day FDP on “Java Fundamentals and Programming “conducted by ICT Academy held during 24 th July to 28 th July 2017 at Knowledge Institute of Technology, Salem.
14	Attended a Three Day National level Workshop on “Simulation and Emulation on self-organized Networks” held during 14 th September to 16 th September 2017 at Kongu Engineering College, Erode.
15	Attended a Five Day FDP on “ASP.Net Programming “conducted by ICT Academy held during 15 th December to 19 th December 2017 at Knowledge Institute of Technology, Salem.

16	Attended a Two Week ISTE Workshop on “Database Management Systems” conducted by IIT-B held during 21 st to 31 st May 2013 at Knowledge Institute of Technology, Salem.
17	Attended a Two Day ISTE Workshop on “Aakash for Education” conducted by IIT-B held during 10 th June to 11 th November 2012 at Knowledge Institute of Technology, Salem.
18	Attended a National Summit on “Quality in Education” organized by CII Institute of Quality held during 14 th & 15 th September 2012 at Infosys Limited, Bangalore.
19	Attended a Two Week ISTE Workshop on “Introduction to Research Methodologies” conducted by IIT-B held during 25 th June to 04 th July 2012 at Knowledge Institute of Technology, Salem.
20	Attended an IEEE MAS sponsored workshop on “Next Generation Wireless Networks” held during December 16 - 17, 2011 at Knowledge Institute of Technology, Salem.
21	Attended a Seminar on “Impact of Green Technology on Global Environment” held at Kongu Engineering College on 28, 29 Jan 2011.
22	Attended a Workshop on “National Programme on Technology Enhanced Learning” held on September 03, 2010 organized by NPTEL, IIT-Madras at Sri Krishna Engineering and Technology, Coimbatore.
23	Attended a Workshop on “High Impact Teaching Skills” held during August 23 - 27, 2010 organized by Wipro Mission10x at Vellore Institute of Technology, Vellore.
24	Attended a CSIR sponsored National Seminar on “High Performance Distributed Computing” held during November 16 - 17, 2007 at Kongu Engineering College, Perundurai.
25	Attended an FDP on “Secured Computing” held during March 15 - 28, 2007 at Kongu Engineering College, Perundurai.
26	Attended a National Seminar on “Data Mining in Intelligent Data Analysis” held on February 08, 2007 at Kongu Engineering College, Perundurai.
27	Attended an AICTE sponsored workshop on “FOSS and its Applications” held during September 21-22, 2006 at Kongu Engineering College, Perundurai.

A11	Awards
	Received Distinguished HOD Award by CSI TechNext India-2017.
	Received Academic Game Changer Award by EMC Corporation in 2015.
	Received Achiever Award - 2015 at Knowledge Institute of Technology.

Received **Best Teacher Award** from Staffordshire University, UK.

A12

Foreign Countries/ Universities Visited

Hong Kong University of Science and Technology, Hong Kong.