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A.SANKARAN

Professional Objective:

Seeking challenging assignments in the field of Computer Science that would facilitate the maximum utilization and application of my broad skills and expertise in making a positive difference to the organization.

Career profile:

To work in a healthy, innovative and challenging environment extracting the best out of me, which is conducive to learn and grow at professional as well as personal level thereby directing my future endeavors as an asset to the organization.

Educational qualification:

M.E./M.Tech : M.E. in Computer Science Engineering

B.E./B/Tech : B.E. in Computer Science Engineering

Work experience: (starting from present position)

S.No	Employer	Designation	Period of Service	Nature of Work
1.	Manakula Vinayagar Institute of Technology	Assistant Professor	June/ 2018	Handling both Theory and Laboratory classes.
2.	VEI Technologies- Chennai	Research Engineer	November/2017 to June/ 2018	R&D for new Tools/ Products quality by changing, enhancement and to implement in company
3.	ECS Systems Services India Pvt Ltd	Software Tester	June/2016 to October/ 2017	Testing web applications and R&D for performance issues in DB.
4.	Anand Institute Of Higher Technology	Assistant Professor	July/ 2013 to June/ 2016	Handling both Theory and Laboratory classes.
5.	AIMS Technologies	Web Developer cum System Admin	June/ 2010 to August/ 2011	Web application developer

Teaching Activities: (Subjects Taught)

(i) **Under Graduate** : C, C++, Java, Data Structure, Digital Principles And System Design, Software Quality Assurance, Software Engineering, Information Security etc.

(ii) **Laboratories handled:** Computer Programming, Object Oriented Programming, Data Structure, Digital Principles and System Design.

Major tasks handled:

- Ω Student's guidance, counseling & helping in their personal, ethical, moral and overall character development.
- Ω Continuing Education Activities Self development through upgrading Qualification, Experience & Professional activities.
- Ω Worked in various roles in R & D and Funded Projects Coordinator, Training & Placement Coordinator, Symposium, Discipline In charge, Cultural Coordinator, Lab In charge.
- Ω Worked on files for NBA Accreditation 2014-2016.
- Ω Responsible for administering servers, desktops, printers, routers, switches, firewalls, software deployment, security etc.
- Ω Implement and maintained Web Application in PHP, Wordpress.

Paper Publications / Presentation:

	Published	Accepted	Communicated	Total
International Journal	5	-	-	5
National Journal	-	-	-	-
International Conference	3	-	-	3
National Conference	7	-	-	7

International Journals published:

- Ω **"IoT Based Smoke Monitoring,"** IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p-ISSN: 2278-8727, Volume 20, Issue 3, Ver. III (May. - June. 2018), PP 74-77 www.iosrjournals.org.
- Ω **"Study of Character Recognition and GUI using Pattern Matching in Neural Networks to improve its Performance,"** International Journal of Advanced Information Science and Technology (IJAIST) **Vol.6, No.6, October 2012** ISSN: 2319:2682 **pp-29-36**.
- Ω **"Study of GUI Recognition using Pattern Matching in Neural Networks to improve its Performance,"** International Journal of Emerging Technology and Advanced Engineering. Website: www.ijetae.com (ISSN 2250-2459, **Volume 2, Issue 10, October 2012**) pp-601-605.

- Ω **“Novel Energy-Saving Cell Selection For Multimedia Sensor Routing Networks,”** International Journal Of Communication, Computation And Innovation. 06/2012; **Volume-3(ISSUE 1-ISSN 2229-6808):171-176.**
- Ω **“Network Security Risks in Power System and Gathering Admissible Evidence Issues,”** International Journal of Management, IT and Engineering, <http://www.ijmra.us> **IJMIE Volume 2, Issue 11 ISSN: 2249-0558.**

International Conferences Presented:

- Ω **“Computer Network Database Attacks Security From Threats And Hackers,”** International Conference On Intelligence Computing (ICONIC’12) Sponsored By DRDO, pp 18 ISBN 978-93-80757-90-2.
- Ω **“Start-up and I/O Access Control of Embedded Linux Based Real Time Operating System,”** International Conference On Recent Trends In Computer Science And Engineering (ICRTCSE’2012), 05/2012, ISBN 978-81-9089-8072.
- Ω **“A Sensing Platform To Support Smartphone’s Accessing Into Wireless Sensor Networks,”** International Conference On Recent Trends In Engineering & Computer Application(INRTIEMC-12), 24/02/2012.

National Conferences:

- Ω **“Vehicle Security From Terrorists And License Checking Using Camera In Traffic,”** National Conference On Signal Processing And Communication Technology(NCSC’10).
- Ω **“Security for computer network database attacks,”** National Conference On Technical Advancement Computer Technology (NCTACT-12), 17/03/2012, pp. 64-69.
- Ω **“Mobile Multimedia Sensor Using Peer-To-Peer Networks Architecture And Routing,”** National Conference On Technical Advancement Computer Technology (NCTACT-12), 17/03/2012, pp 86-90.
- Ω **“Mobile Multimedia Sensor Using Adhoc Networks: Architecture And Routing,”** National Conference On Innovative Trends on Advanced Computing (NCITA-12), 29/02/2012.
- Ω **“Smartphone Sensing Using Peer to Peer Computing Wireless Networks,”** National Conference On Innovative Trends on Advanced Computing(NCITA-12), 29/02/2012.
- Ω **“New Paradigm in Education,”** Participated in National Conference Organized by Prajapita Brahma Kumari’s Ishwariya Vishva Vidyalaya and Education Wing.

Workshop Attended

- Ω **“Ethical Hacking”** Sansbound the networking school on 28/08/2011.
- Ω Participated in 3 days **Second National Workshop GPU Programming Applications (GPA2)** on 17th-19th, 2014 at IIT Madras.

Reviewer for the journals:

- Ω **“Reviewer”** in Science Publications publication.

Project Guidance :

- Ω **“No. of B.E. Projects Guided: 10**

Professional Membership:

- Ω **“Associate Member,”** in Universal Association of Computer & Electronics Engineers.
- Ω **International Association of Engineers (IAENG)** - Member No: 128448.
- Ω **“Editor”** in International Journal of Intelligent Innovation.

Annual Technical Project contest (Bangalore)

- Ω **“Nano in Anesthesiology- a Pain Killer,”** VI Mantra 2008 Annual Technical Project contest, Bangalore.

Research Books Chapter Published (U.S.A)

- Ω **“Nano Drug And Gene Delivery In An Anti-HIV tool,”** Published by Center For Nanotechnology Education, Research & Applications(CENTRA). Sullivan University College Of Pharmacy Louisville, KY, pp. 84-93, ISBN 1-4392-5489-3.

Patents applied:

- Ω Intellectual Property Office Chennai- Application Number- 201841025832, **CASE TO PRESERVE WATER FROM UNWANTED USAGE.**
- Ω Intellectual Property Office Chennai- Application Number- 201841025834, **FINGERPRINT BASED TRACKING OF CHAIN SNATCHER.**
- Ω Intellectual Property Office Chennai- Application Number- 201841025834, **IOT BASED WATER CONSERVATION.**
- Ω Intellectual Property Office - Patents Journal: UK applications filed, www.ipo.gov.uk, Journal Searchable patents, **Vehicle Security from terrorists and license checking using camera in traffic, 1005154.8, 27/03/2010.**