||Jai Sri Gurudev ||

S J C Institute of Technology, Chickballapur – 562 101

RESUME

Name	Dr. Aravinda Thejas Chandra		
Address	***Contact Address:*** **Associate professor** **Department of ISE, SJCIT, Chickballapur** ***E-mail***: **thejaschandra@gmail.com** **thejaschandra@sjcit.ac.in**		
Department / Discipline	Information Science & Engineering / Computer Science & Engineering		

Educational Qualifications	Exam Passed	Institution | University	Year
	Degree: B.E / (CSE)	Adichunchanagiri Institute of Technology, Chickmagalur Kuvempu University	1996
	PG: M.Tech/ (CSE)	M S Ramaiah Institute of Technology, Bangalore Visvesvaraya Technological University, Belagavi	2003
	Higher: Ph.D (Computer and Information Sciences)	Research Centre: R V Collge of Engineering, Bangalore Visvesvaraya Technological University, Belagavi	2025
	Others		

Experience	Nature of Experience	No. of Years
	Teaching	26
	Industry/Research	--
	Total No. of years of Experience	26

Experience Details	Designation	Institution/ Organization	Duration
	Associate Professor	SJCIT, Chickballapur	1/6/2012 to till date
	Assistant Professor	SJCIT, Chickballapur	1/8/2005/ to 1/6/2012
	Lecturer	SJCIT, Chickballapur	3/9/2001 to 1/8/2005
	Lecturer	SJCIT, Chickballapur	7/9/1998 to Nov 2000

Professional bodies Membership details	Fellow Institute of Engineers (FIE)

Other Professional Experience	- SJCIT Moodle Learning Management System Incharge - KSCST Department Project Coordinator - Project Coordinator, ISE Dept, SJCIT - Project Coordinator-VTU Innovative projects of Final Year UG Students - Chairman, College Website and Internet Maintenance Committee. - Member , Career Guidance Cell - Trainer for Infosys Campus Connect program- 2005 to 2014 - Trainer for EMC2 Information Storage Management- 2007 to 2013 - Trainer for Oracle 9i: SQL Database Administration- 2008 to 2011

Areas of Research Interest & Guidance	Computer Networks, Network Security, Ethical Hacking, Cloud Computing, Embedded Systems, IOT, Web Technology. Linux Internals and Open source softwares.

Distinctions/Awards Received	• Internal Session Chair In(ICKECS-2022) International Conference On Knowledge Engineering And Communication -2022
	• Sessions Chair, Second International Conference-ICETSE SJCIT and Institute of Scholars
	• **Token of Appreciation** for serving as **Evaluation Expert** in the **Symposium cum Project Exhibition on Recent Advances in Engineering Science** organized by SJCIT on 19th July 2021.
	• **Token Of Appreciation for being Session Chair** for Second International Conference on Emerging Trends in Science and Technologies for Engineering Systems at SJCIT, Chickballapur on 17,18 May 2019.
	• **Certificate of Appreciation** From **EMC2 for ISM** Training in 2012.
National/ International Work Shops/ Seminars / Conferences Attended	1. Participated in one day Awareness Training Workshop on " Cyber privacy and Security" conducted by IISC and KSCST held at IISC Bangalore on Jan 31 2019.
	2. Participated in FDP on **" Digital Technologies"** conducted by TCS Bangalore on 18th and 19th March 2019.
	3. Participated as **Session Chair** in **Second International Conference on Emerging Trends in Science and Technologies for Engineering Systems** held on 17th and 18th May 2019 at SJCIT under the stream CS and IT.
	4. Participated in one day seminar on **"Free and Open source Software Solutions for Educational Institutions"** organized by VTU FOSS Group Belagavi held at VTU Regional Office, Bangalore on 1st September 2018.
	5. Participated in FDP on " Research Frontiers in Artificial Intelligence' on 20/1/2018 held by TCS Bangalore.
	6. Participated in Workshop in **Android Developer Fundamentals Faculty training** from 10th to 14th July 2017 Conducted by Google at PES University Bangalore.
	7. Participated in Pre-Conference workshop **on Big Data Analytics for Health Care** on 24th August 2016 organized by Dayanand Sagar University Bangalore.
	8. Participated in **Knowledge ++ workshop** on 13th and 14th febrauary 2015 conducted by L&T Infotech Bangalore.
	9. Participated in Workshop on **"Cloud Infrastructure and services"** , from 7th to 11th January 2013 organized by EMC2 Bangalore.
	10. Participated in workshop **"Train the Trainer workshop on Mobile Application Development Using Android"** conducted By Infosys Bangalore at SJCIT, Chickballapur from 3rd to 5th January 2013.
	11. Participated in Workshop on **"Train-the-Trainer program on Industrial Automation Technology"** , from December 6th 2010 to January 6th 2011 conducted at VTU-BR centreof Competence in Automation Technology, Mysore.
	12. Participated in Workshop on **"EMC2 Information week"** , from 5th to 9th July 2010 organized by EMC2 Bangalore.
	13. Participated in Workshop on **"Information Storage & management"** , on 10th April 2009 organized by EMC2 Bangalore.
	14. Participated in Workshop on **"Oracle 9i database Administrator Fundamentals"** conducted By Oracle New Delhi , from 7th to 13th March 2008.
	15. Participated in Workshop on **"EMC2 Information week"** , from 5th to 9th July 2010 organized by EMC2 Bangalore.
	16. Participated in AICTE/ISTE Sponsored STTP on **"Data Storage And Storage Area Network"**, from 23rdt to 27th June 2008 organized by SJCIT, Chickballapur.
	17. Participated in Faculty Enablement Program on **"Foundational Computer Science Courses-An Industry Perspective"** , from 20th February to 4th March 2005 conducted by Infosys Technologies Limited at Bhubaneswar.
	18. Participated in Workshop on **"Microprocessor Interface and Programming"** , from 6th to 10th April 2000 organized by RV College of Engineering, Bangalore.

No. of Papers Presented/ Books Published	1. A novel scheme for enhanced content integrity, authentication, and privacy in information centric network using lightweight blockchain-based homomorphic integrity and authentication International Journal of Electrical and Computer Engineering (IJECE), Volume 15(1), Year 2025, Pages 654-668 2. Time Synchronized Decentralized Contextual Attribute and Doubling Kohel Signature Access Control for Information Centric Networks International Journal of Intelligent Systems and Applications in Engineering, **Volume** 12, **Year** 2024, **Pages** 202 - 214 3. A Secure and Optimal Content Validation and Protection Scheme for Information Centric Networks International Journal of Advanced Research in Science, Communication and Technology, Volume Volume 3,Issue 2,, Year 2023, Pages 58-66 4. Information Centric Networks And Its Security Challenges Journal of Data Acquisition and Processing, Volume Vol. 38 (3) 2023, Year 2023, Pages 5160 - 5183 5. IoT Driven Healthcare System for Remote Monitoring of Soldiers International Journal of Advanced Research in Science, Communication and Technology, Volume Volume 3, Issue 2, Year 2023, Pages 279-285 6. Identification of Hate Contents in Social Media Platform International Research Journal of Modernization in Engineering Technologyand Science, Volume Volume 4 Issue 6, Year 2022, Pages 5119-5124 7. Performance Analysis Of Distributed Gluster File System And Design Of Storage Driver For Sbk Framework International Research Journal of Modernization in Engineering Technology and Science, Volume Volume:04/Issue:07, Year 2022, Pages 1039-1043 8. Transactional Blockchain Node And Synchronization Module International Research Journal Of Modernization in Engineering Technology and Science, Volume Volume 4,Issue 06, Year 2022, Pages 4249-4251 9. "Real Time Eye Blink Password Authentication" International Journal of Research in Engineering, Science and Management(IJRESM) Volume 4, Issue 7, July 2021 10. "Magic Train:Design of Measurement Methods against Bandwidth Inflation Attacks" International Research Journal of Engineering and Technology(IRJET), Volume 7, Issue 7, July 2020. 11. "Secure Data Sharing in cloud through key aggregation". International Journal of Innovative Research in Computer and Communication Engineering. IJIRCC. ISSN:2320-9801 Volume 3, issue 5 may 2015. 12. F-CAST: An algorithm for selecting subset of features in high dimensional data. National Conference,NCET , Bangalore, 2015 13. A novel scheme of data encryption & embedding in video streams by codeword substitution, National Conference,NCET , Bangalore, 2015. 14. Performance improvement in wimax networks with femotocells. National Conference, City Engineering College, Bangalore, 2015. 15. Presented a paper entitled "Game Theory Implementation on Public Cloud for Load Balancing" at International conference on "Advances in Computer & Communication Engineeering" Vemana Institute of Technology, Department of CSE, Bangalore on 21-22 April 2014. **16.** Published a paper entitled "Monitoring the integrity of Dynamic Data stored in Cloud Computing" in International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181 ,Vol. 1 Issue 4, June - 2012. 17. Presented a paper entitled 'A Unified Belief propogation Algorithm based FEC decoding in 4G systems" which got **first Best Paper Award** in 7th National Conference on "Recent trends In Computer Science & Engineering"(NCRTCSE-12) 10-111 April 2012. 18. Presented a paper entitled "A High Throughput MAC Protocol for Wireless Adhoc Networks" in International Conference on Innovative Business & Technology Strategies for Developing Countries at Dubai 16-17 December 2011.
Reasearch Funded Projects	• CYBER SECURITY PORTAL FOR EFFECTIVE MANAGEMENT OF SERVERS AND FIREWALLS Funding Agency : Karnataka State Council for Scioence and Technolog 2024 Rs 5000

	• Identification of Hate Contents in Social Media platform Funding Agency : VTU -2022 Rs 5000 • Real Time Eye Blink Password Authentication Funding Agency : VTU -2021 RS 5000
Additional Information (Patents, if any)	

Date: 18/03/2025

Signature of the Candidate