RESUME

Dr. AMBIKA L G
B.E, M.Tech, PhD in Computer Science and Engineering
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CAREER OBJECTIVE

Looking for an opportunity where I can share and enrich my skills by contributing continuously towards the development of the organization which enables to my spectrum of knowledge and to utilize every opportunity to progress professionally.

BASIC ACADEMIC CREDENTIALS

Course	Board	Institution	Batch	Class
X ^{std}	Karnataka Secondary Education Board	S.F.S High school, Chintamani	2006	First Class
Bachelor of Engineering (Computer Science and Engineering)	Visvesvaraya Technological University , Belgaum	GSS Institute of Technology, Bengaluru.	2008-2012	First Class
M.Tech (Computer science& engineering)	Visvesvaraya Technological University, Belgaum	SJC Institute of Technology, Chickaballapur	2013-2016	First Class With Distinction
P.hD	Visvesvaraya Technological University, Belgaum	Atria Institute of Technology, Bengaluru.	2019	Completed in 2023

WORK EXPERIENCE:

- Worked as an Assistant Professor in the Department of Computer Science and Engineering at **CBIT,** Kolar. (From FEB 2013 to AUG 2017.)
- Worked as an Assistant Professor in the Department of Computer Science and Engineering at **Rajarajeswari College of Engineering,** Bengaluru. (From AUG 2017 to SEP 2021.)
- Worked as an Assistant Professor in the Department of Information Science and Engineering at **S.J.C. Institute of Technology,** Chickballapur. (From Oct 2021 to Jan 2024.)
- Currently Working as Associate Professor in the department of Information Science and Engineering at **S.J.C. Institute of Technology,** Chickballapur. (From Feb 2024 to Till Date.)

TECHNICAL SKILLS

Subjects Handled: AT&C, Artificial Intelligence & Machine Learning**,** UNIX, System Software, PCD, DAA, USP, Data structure, CC, OS, FS, Full Stack Development.

PUBLICATIONS

- A Research article title "**Breast Cancer Identification and Classification using FCM based division algorithms and LLRBFNN**" published in the journal Seybold report with Vol. No 17 Issue No 28th Oct 2022 Page No. 1676-1691 Impact factor 0.20 and year of publication 2022 published by with ISSN 1533-9211 SCOPUS INDEXED, Q3 Journal, with DOI: 10.5281/zenodo.7262709.

- A Research article title "**A Framework for Identifying the Factors Impacting Breast Cancer Detection Using CNN**" published in the journal European Chemical Bulletin with Vol. No 12 Issue No 4 Page No. 1402-1412 Impact factor 3.71 and year of publication 2023 published by with ISSN 2063-5346, SCOPUS INDEXED, Q3 Journal, with DOI: 10.31838/ecb/2023.12.1.001.

- A Research article title "**Effective approach for identification and removal of noise in Mammographic images**" published in the Journal of Harbin Engineering University with Vol. No 7 Issue No 7 Page No. 1294-1306 Impact factor 0.51 and year of publication 2023 published by with ISSN 1006-7043, SCOPUS INDEXED, Q4 Journal.

- A Research article title "**Analysis of Breast Cancer Disease Prediction Using the Effects of Life Quality Attributes**" published in the journal of International Journal of Creative Research Thoughts UGC Approved journal, Peer Revived Journal with Vol. No 11 Issue No 3 Page No. c408-c417 Impact factor 7.97 and year of publication 2023 published by with ISSN 2320-2882, with DOI:10.1729/journal.33315.

- A Research article title "**Selecting the Best Machine Learning Methods for Breast Cancer Risk Prediction**" published in the journal of Journal of Emerging Technologies and Innovative Research UGC Approved journal, Peer Revived Journal with Vol. No 9 Issue No 6 Page No. d608-d613 Impact factor 7.95 and year of publication 2022 published by with ISSN 2349-5162.

- Published "**Real Time Attention Span Tracking In Online Education**" on International Journal of Advanced Research in Science, Communication and Technology, Volume 3, Issue 4, May 2023.

- Published "**Iris Recognition System (IRS) in Biometric World**" on International Journal of Advanced Research in Science, Communication and Technology, Volume 3, Issue 4, May 2023.

- Published "**Quality Text Book Assessment System**" on International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 4, Issue 2, May 2024.

- Published "**App Based Digital Audiometer**" on International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 4, Issue 2, May 2024.

- Presented and Published paper "**Analysis of Twitter Streaming data and historical Data**" in International conference on Engineering Innovations in Emerging Technologies (ICEIET-2022) on 24th to 25th June 2022 at East point college of engineering and Technology, Bengaluru.

- Published International journal **"Bird Classification using CNN Framework"** International Research Journal of Engineering and Technology (IRJET) Volume 8, Issue 7, July 2021.

- Published International journal **"Efficient Underwater Image Reconstruction using Deep Convolutional Neural Network"** International Research Journal of Engineering and Technology (IRJET) Volume 8, Issue 7, July 2021.

- Published International journal "**Chronic Liver Disease Prediction Analysis Based on the Impact of life Quality Attributes**" International journal of Recent Technology and Engineering (IJRTE) ISSN:2277-3878,Volume-7,Issue-6S5 on April 2019.(Scopus Retrieval Number:F13790476S519/19©BEIESP)

- Presented a paper "**Design and implementation of effective email spam detection enabling privacy preservation**", National conference on Integrated Intelligent computing, communication & security held on 4th May 2019, organized SJBIT, Bengaluru.

- Published International journal **"Smart City For Ambulance Using Rf Communication",** International Journal on Global Journal of Engineering Science and Researches (GJESR), ISSN 2348 – 8034, imp factor 5.070.On April 2019.

- Published International journal **"App Based Instant bed and Blood Booking for Hospitals with Systematic Facility Management System Using Rasberry_Pi",** International Journal on Global Journal of Engineering Science and Researches (GJESR), ISSN 2348 – 8034, imp factor 5.070.On April 2019.

- Presented and Published paper "**A Cloud Based Venue Recommendation Framework on Mobicontext**" in International conference on Innovations in Computing and Networking 0n 12th to 13th May 2016 at RRCE, Bengaluru.

- Presented International conference paper "**A Social Compute Cloud: Allocating and Sharing Infrastructure Resources via Social Network**," International conference on Recent Advances in Science and engineering(ICRASE-2015), 9th and 10th May 2015.

- Presented International conference paper "**App based Instant -bed and blood booking for Hospitals with Systematic facility management system using Raspberry Pi**".
- Presented International conference paper "**Smart city for ambulance using RF communication**".

CO-/EXTRA –CURRICULAR ACTIVITIES

Title of the Course	FDP/Workshop/Webinar/Seminar/courses	Duration	Place
5G Wireless standard design	Webinar	13.07.2024	IIC of Ghousia college
AI Tools	Workshop	13.07.2024& 14.07.2024	Be10x
FULL STACK DEVELOPMENT	FDP	22.04.2024 to 26.04.2024	Bangalore Institute of Technology Bengaluru
Introduction to Automata, Languages and Computation (12 week)	NPTEL	Jan-April 2024	Indian Institute of Technology

			Kharagpur
Cyber safety and Best practices of responsible Browsing	Online course	Sep 2024	Cyber safe Girl Indian cyber Institution
FDP on "Research Methodology and Developing Research Skills"	FDP	26.02.2024 to 01.03.2024	Shridevi institute
Recent Trends in Industrial Electronics	Workshop	13.01.2024	IIC of Ghousia college
Data Analytics	Workshop	06.01.2024	Ghousia college
National level FDP on Python	FDP	19.03.2024 to 25.03.2024	Star International Foundation for research
One week National Level FDP on Cloud Infrastructure(AWS)	FDP	21.08.2023 to 25.08.2023	AICTE,SJCIT
Innovation and IPR	Workshop	30.06.2023	SVCE,Bengaluru
Cloud Infrastructure(AWS)	FDP	21.08.2023 to 25.08.2023	AICTE,SJCIT
Cyber safety and Best Practices of responsible Browsing	course	23 Sep 2023	Indian cyber institute
Cloud computing(12 week)	NPTEL	Jul-Oct 2022	Indian Institute of Technology Kharagpur
Introduction to python programming and its applications	FDP	13.03.2023 to 17.03.2023	VIAT, AICTE
3D printing & 3D Scanning Technologies	FDP	17.01.2023 to 22.01.2023	AICTE,SJCIT
Innovative Design Thinking Exhibition	Workshop	14.03.2023	BGSCET
Research Paper Writing and IPR-Level 2	5 days FDP	20/09/2022 to 24/04/2022	SKIT
AICTE Incorporating Universal Human Values in Education (An AICTE Initiative)	Webinar	9.05.2022 to 13.05.2022	AICTE
Object oriented programming with JAVA Laboratory	FDP	27.10.2022 to 29.10.2022	SKIT
Including Universal Human values in Technical Education	FDP	9.05.2022 to 13.05.2022	AICTE
ICT Tools for Innovative Teaching and Learning Process	Webinar	28.3.2022 to 1.4.2022	RVITM
An overview of teaching techniques in data science and analytics	Webinar	25.04.2022 to 29.04.2022	VIAT Muddenahalli
Art of Research Paper writing and IPR –Level2	FDP	20.09.2022 to 24.09.2022	SKIT
e-Governance Initiatives	FDP	18.042022 to 22.04.2022	BIT
Big Data Analytics and Machine Learning	Webinar	26.3.2022 to 1.4.2022	East Point College of Engineering
Fine Tuning of NEP compliance syllabus Disciplines under of vtu	Workshop	20.04.2022	SJCIT

Body Sensor Networks @ IoT Lab: Past,Present and Future	Webinar	1st June 2022	Galgotias University
Data Science Foundation	Online course	May 2022	Great Learning
Cloud Foundations - Advanced	Online course	May 2022	Great Learning
Cyber security Block chain Technology	Webinar	05.04.2022 to 09.04.2022	EAST point Collage of Engg.
HAMPI World Heritage & the Land of Rich Culture	Webinar	09.12.2021	SJCIT
Machine Learning	Workshop	9.07.2018 to 14.07.2018	SJBIT
Research Methodologies, Latex, IPR & Patents	Workshop	24.07.2017 to 28.07.2017	CBIT
Women empowerment	Symposium	26.02.2016	VTU regional office
Cloud Technologies	Workshop	18.01.2016 to 23.01.2016	SJBIT
Software Defined Data Center	Workshop	9.01.2014 to 10.01.2014	SJCIT

Funded Projects:

Sl.no.	Title of the Projects	Date of Sanction and Duration	Grant Received	Funding Agency
1	REAL TIME ATTENTION SPAN TRACKING IN ONLINE EDUCATION	24th April, 2023	4000	**KSCST**
2	FAKE SOCIAL MEDIA ACCOUNT DETECTION SYSTEM	March,2025	3500	**KSCST**

Patent:
- Design patent on "AI-Powered IOT Devices for Agricultural Applications" on 2024.

Awards:
- Won second place in the Innovation Design Thinking Exhibition held on 14th March 2023 at BGSCET.
- Achievement is continued efforts in Research during the academic year 2022-23.
- Achieved 100% results in the subject AI & ML of 7th sem in the university exams held during the academic year 2022-23.
- Reviewer for International Conference on Knowledge Engineering and Communication Systems(ICKECS2024),IEEE conference.
- Session Chair at International Conference on Knowledge Engineering and Communication Systems(ICKECS2024),IEEE conference on 18th &19th April 2024 at SJCIT.

- Reviewer for 5th International Conference on Data Science and Applications (ICDSA 2024) at Malaviya National Institute of Technology Jaipur, India, on July 17-19, 2024.
- Reviewer for 3rd 2024 IEEE World Conference on Applied Intelligence and Computing (AIC-2024) at Gwalior, M. P. – India on July 27-28, 2024.
- Reviewer and Technical program committee Member for International Conference on Information Technology and Intelligence (ITI 2024) at Andaman& Nicober on Oct 14th & 16th, 2024., 2024.
- Reviewer and Technical program committee Member for 5th Congress on Intelligent Systems held on Sept 04-05, 2024 at CHRIST (Deemed to be University), Bengaluru, India.

INTERPERSONAL SKILL

- Ability to rapidly build relationship and set up trust.

- Confident and Determined.

- Smart working and self-motivating.

Responsibilities Shouldered:

1. Coordinator for National Conference, 2 Industrial visits, 10 Seminars, 4 FDP's, 4 Workshops.
2. Class Teacher In-Charge, Test coordinator, SEED coordinator and also preparing department files.
3. Coordinator for NAAC & NBA.
4. Class Teacher In-Charge.

DECLARATION

I do hereby declare that the above information is true to the best of my knowledge.

Place: Bangalore
Date: **Dr. AMBIKA L G**