

Name Dr. K. R. Ananda Kumar
Designation Head & PG Coordinator
Department Dept of Computer Science & Engineering
contact details SJB Institute of Technology, BGS Health & Education City, Uttara Halli Main Road, Kengeri, Bengaluru – 560060 , Karnataka, India



College-mail

Personal Email kra_megha_tn @ hotmail.com

Phone 080-2861 2445/46,

Fax 080-28612651

Mobile 94484 82070, 9739099708

Academic Background:

College/University	Degree	Year	Field of Specialization
Guindy College of Engg, Anna University Chennai-25	Ph.D (CS&E)	1996-1999	CSE, Distributed AI
Guindy College of Engg, Anna University Chennai-25	ME(CS&E)	1989-1991	CS&E
PES College of Engg, University of Mysore Karnataka	BE(CS&E)	1983-1987	CS&E
Vidyadayinee High School, Surathkal, Mangalore, Karnataka	PUC	1981-1983	PUC

Academic and Industrial Career: 24 Yrs of Teaching Experience

Designation	Period	College/Organization
Head & PG Coordinator	Feb 2008 till date	SJB Institute of Technology, Bengaluru
Professor and Head	Jan 2007 to Feb 2008	Reva Institute of Technology & Management, Bengaluru
Professor and Head	Feb 2001 to Jan 2007	PES College of Engineering, Mandya
Asst. Prof. and Head	Dec 1999 to Feb 2001	PES College of Engineering, Mandya
Assistant Professor	Jan 1995 to Dec 1999	PES College of Engineering, Mandya
Lecturer	Dec 1987 to Jan 1995	PES College of Engineering, Mandya

Research Experience

Organization/University	Designation	Field/Area	Period
Guindy College of Engg, Anna University Chennai - 25	Research Scholar	Parallel Computing	1989-1991
Guindy College of Engg, Anna University Chennai - 25	Research Scholar	Distributed AI	1995 - 2000
VTU, Belgaum, Karnataka	Supervisor	Intelligent Agents Data Mining Web Mining Distributed Decision Making Handwriting Analysis Intelligent Networking	Till date
University Of M, Mysore	Supervisor		
Kuvempu University	Panel member		
Anna University Trichy	Supervisor		
SSIT Deemed University	Supervisor		

I served at various levels of Engineering & Technology:

a) AICTE Level:

1. Expert member in AICTE Committee for Institution Inspections
2. AICTE – Worked as National Board of Accreditation (NBA) Committee member

b) Visveswaraya Technological University Level:

- i) Local Inspection Committee member in VTU
- ii) BOS: Board of Studies member (2010 – 2013)
- iii) E-learning advisory committee member VTU
- iv) BOE: Member of Board of Examination (2008 – 2009)
- v) VTU nominee to BMSIT, Bengaluru
- vi) VTU Nominee to Sri Venkateshwara College of Engineering, Bengaluru
- vii) VTU Nominee to Sri Bhagavan Mahaveer college of Engineering, Bangalore,

c) Mysore University Level:

1. Local Inspection committee member in Mysore University
2. BOE/Board of Studies member

d) Autonomous Institutes:

1. BOS member, PESCE Mandya
2. BOS & BOE member, BMSCE, Bengaluru
3. BOS member, Dr AIT, Bengaluru (VTU Nominee)
4. BOS member, SSIT, Tumkur

5. BOS member, Bagalkote Engineering College, Bagalkote
6. BOS & BOE member, RVCE, Bengaluru
7. BOS & BOE member, NMIT, Yelahanka
8. BOE member, SIT, Tumkur

Social Service:

- i> Served as secretary CSI India Mysore chapter during 2002-03, Initiated Student chapters at PESCE, Mandya and RITM, Bengaluru. Over 250 students became member of CSI.
- ii> I am Lion Dr K.R. Ananda Kumar , Lions club of Mandavya Nagara Mandya. Twice I was awarded with BEST SECRETARY of the club activity. I was PRESIDENT of the club during the year 2005-2006. Served the community through organizing free Health camps, dental camps, Eye camps at villages. Donated books & uniforms to poor school children's.

Conferences Conducted/ Organized

1. International Conference

- 2010: Program Chair, International Conference on Integrated Intelligent Computing ICIIC - 2010, at SJBIT in association with DIRF, Bengaluru, Technically supported by **IEEE Intelligent Computing Society, USA.**
- 2005: Conducted International Conference on Document Analysis, at PESCE Mandya in association with University of Mysore.
- 1998: conducted "International Conference on Advance Computing" held at Park Sherton Hotel, at School of CSE, Anna University in association with CDAC.

2. National Conferences

- 2011: Conducted 5th National Conference Recent trends in CSE, SJBIT
- 2010: Conducted 4th National Conference Recent trends in CSE, SJBIT
- 2009: Conducted 3rd National Conference Recent trends in IT, SJBIT
- 2008: Conducted 2nd National Conference Recent trends in IT, SJBIT
- 2003: Conducted a Second National Conference on Document Analysis and Recognition, funded by AICTE, PESCE, Mandya.
- 2001: Conducted a First National Conference on Document Analysis and Recognition, funded by AICTE, PESCE, Mandya.

- **1998: Conducted “National conference on Advanced Data Bases” conducted at School of CSE, Anna University with the help of AICTE, Chennai.**

Workshops/Seminars conducted recently:

- **Series of Faculty Development workshops were conducted by me**
- **Series of guest lectures and seminars were conducted by me**
- **Research Directions in CS&E; to motivate researchers in the field of CSE, 2008**
- **Network Simulation workshops to UG students**
- **Web Programming for Supporting Staff, with VNG Bengaluru on July 2009**
- **Web Programming for Teaching Community, with VNG Bengaluru on August 2009**
- **Web Programming for Students, with VNG Bengaluru on September 2009**
- **Organized various Industry Oriented Trainings etc.**

Subjects Taught/Teaching (Some are listed below)

S. No.	Subjects	Degree/Program
1.	Artificial Intelligence	UG & PG
2.	Data Mining and Data warehousing	UG & PG
3.	Distributed Computing system	UG & PG
4.	Database Management Systems	UG & PG
5.	Advances in DBMS	PG
6.	Systems Simulation	UG
7.	Compiler Design	UG
8.	Digital Image Processing	UG & PG
9.	Computer Architecture	UG
10.	Operating System	UG & PG
11.	Computer Organization	UG
12.	Logic Design	UG
13.	C language	UG
14.	PASCAL and COBOL	UG
15.	Numerical methods	UG

Membership of Professional bodies:

Membership	Organization	Membership No,/ Registration No.
Member	IEEE, USA	41425988
Member	ACM, USA	2717564
Member (was)	IEEE Computer Society	41425988
Life member	CSI, India	Life member - 00133003
Member	IE India	M / 130030
Member	ACM Bengaluru	P200806036
Life member	ISTE	Life Member 2898

AICTE Grants Received:

Year	Title	Scheme	Amount In Lakhs	Status
2011-2013	Medical Data Mining tool for Defense People (by DRDO New Delhi)	Research	14.24	On going
2006-2007	Graphology	RPS	6.5	Handed over to PESCE
2006-2007	Up-gradation of Internet Programming Lab to Wireless Lab	MODROB	4.30	Handed over to PESCE
2003-2004	Up-gradation of existing microprocessor Lab to Embedded System Lab	MODROB	12.00	Completed
2001-2002	Up-gradation Thick Ethernet to Optical fiber Communication for entire Campus	MODROB	5.00	Completed

Publications: (Attached at the end)

International Journal	:	14
International conference	:	18
National journal	:	02
National Conference	:	08

Abroad Visits**NIL****Trainings/Workshops/Conferences attended**

- 1) Various National and International Conferences attended
- 2) Various AICTE Short term courses attended
- 3) Various workshop/Seminars attended
- 4) Various ISTE short term courses attended

Plenary / Expert /Invited Lectures Delivered (Few are listed)

- 1) Chief Guest at National Conf. on Data Mining, Annamalai University, Chidambaram, Chennai.
- 2) Subject expert and VTU nominee at BMSIT, Bengaluru
- 3) At conference conducted by NIE, Mysore
- 4) At conference conducted by the department of CSE, Bagalkote college of Engineering, Bagalkote
- 5) Subject expert at SJCIT, Chikkaballapur, Bangalore
- 6) Subject expert at CIT, Gonikoppa, Koorg
- 7) Subject expert at SJBIT, Kengeri, Bangalore
- 8) Subject expert at AIT, Chikkamaglore
- 9) Subject expert at NIE, Mysore
- 10) Subject expert & VTU Nominee at Sri Bhagavan Mahaveer college of Engineering, Bangalore
- 11) Subject expert & VTU Nominee at Sri Venkateshwara college of Engineering, Bangalore
- 12) Speaker at GSSIT, Mysore
- 13) Subject expert at BMSCE, Bengaluru
- 14) Subject expert at BIT, Bengaluru
- 15) Subject expert at RRCE etc

Student projects guided

Level	Degree/ Program	University/College	Title	Period
UG	BE/ B. Tech.	UOM, VTU, MIT, Manipal, Gulbarga University etc.	-----	Since from 1988
PG	ME/ M. Tech.	Across the Country	-----	Since from 1991
MS/MSc by research	MS/MSc by research	Across the Country	-----	Since from 2000
Doctoral	Ph D	Across the Country	-----	Since from 2000

Skills

Field/Area	Specialization
Hardware	Computers, Microprocessors, Embedded Systems
Software	Windows, Unix, Linux
Language	C, C++, LISP, FORTRAN, BASIC, PASCAL, COBOL, Oracle

AWARDS

Sl.No	Award name	Body	Date of award
1	SHIKSHA RATTAN PURASKAR	Delhi Society	2010
2	Appreciation	EMC2, Bengaluru	2010
3	Appreciation	Lions Club of International	2007
4	BEST SECRETORY	Lions Club of International	2002-2003
5	BEST SECRETORY	Lions Club of International	2003-2004

List of Research Students worked/working under me

Candidate Name	Degree	Field/Area	Period
Arun Kumar, PESCE, Mandya	M.Sc(By Research)	Data Mining	2004-2006 Completed
M L Anitha, PESCE, Mandya	M.Sc(By Research)	Intelligent Agents	2005-2007 Completed
M Indiramma, BMSCE, Bengaluru	Ph.D	Distributed Decision Making	2005-2010 Completed
Ashwin Kumar, RITM, Bengaluru	Ph.D	Web Mining	2008
Champa HN, UVCE, Bengaluru	Ph.D	Handwriting Analysis	2006, Finishing stage
Kumara Swamy	Ph.D	Intelligent Networking	2010
Chandrika J	Ph.D	Data Streaming	Finishing stage

This information is true to best of my knowledge.

Sd/-
Signature

Publications of Dr K. R. ANANDA KUMAR

S.No	Name of the Person	Title of the Paper	Publication Citation	National/International Journals & Conferences
2011-2012				
1	Ashwinkumar.U.M & Dr AnandaKumar	Towards Implementation of Ethical principles: Privacy and confidentiality in medical data mining— Indian scenario	<i>Publication in American Journal of Biomedical Engineering (Vol.2, No.5, October 2012)</i>	International Journal
2	Ashwinkumar.U.M & Dr AnandaKumar	Predicting Early Detection of Cardiac and Diabetes Symptoms using Data Mining Techniques	ICCDE 2012- Phuket Thailand 1-2 Sept 2012	International Conference
3	Ashwinkumar.U.M & Dr AnandaKumar	Data preparation by CFS an essential approach for decision making using C 4.5 for Medical data mining	ICCDE 2012 - Phuket Thailand 1-2 Sept 2012	International Conference
4	Ashwinkumar.U.M & Dr AnandaKumar	A Web based Patient support system using Artificial Intelligence to Improve Health Monitoring and Quality of Life	ICACCT-12 Jan 7-8 ,2012 Rohtak Haryana	International Conference
5	Ananad Shankar & Dr AnandaKumar	Opinion and Trust based Collaborative Decision Making Model for Healthcare	ICCDE 2012- Phuket Thailand 1-2 Sept 2012	International Conference
6	J. Chandrika, Dr. K. R. Ananda Kumar	A Novel Conceptual Framework for Mining High Speed Data Streams	5 - 8 June 2011. DOI 10.1109/ICBEIA.2011.5994246 Kuala Lumpur, Malaysia	In'l Conf. on Business, Engineering and Industrial Appls ICBEIA2011,
7	J. Chandrika, Dr. K. R. Ananda Kumar	An Adaptive Framework for Clustering Data Streams	Proceedings, Part I. Communications in Computer and Information Science 190	Springer 2011, ISBN 978-3-642-22708-0. pp 704-711
2010-2011				
3	J. Chandrika, Dr. K. R. Ananda Kumar	State of the art algorithms for frequent item mining in data streams	IJCSC Vol – II, Issue – II (ISSN : 0973-7391)	International Journal
4	J. Chandrika, Dr. K.R.Ananda Kumar	Data Stream Querying: Challenges and Issues	International Conference on Computer Applications,	Pondicherry, Dec 24-25 2010

5	Dr. Indiramma M & Dr Ananda Kumar K R	Behavioral analysis of team members based on Trust computational Model for VO	IJBCEPSVol 2,no 1, 2010 WWW. IJBCEPS.org	International Journal
6	Dr. Indiramma M & Dr AnandaKumar K R	Trust and Reputation Computational Model for Virtual Organization	IJAIML DOI: AIML102009003 C:\Documents and Settings\Administrator\My Documents\association rules.pdf,	International Journal
7	Dr. Indiramma M & Dr AnandaKumar KR	Virtual Team Analysis based on Trust dimension and Learning	WASET vol 51, 2010 WWW. WASET.org	International Conference
8	Champa H N & Dr AnandaKumar KR	Artificial Neural Network for Human Behavior Prediction through Handwriting Analysis	International Journal of Computer Applications (IJCA) May, 2010 , Volume 2, www.ijcaonline.org	International Journal
9	Champa H N & Dr AnandaKumar KR	Automated Human Behavior Prediction through Handwriting Analysis	ICIIC 2010 Aug'2010, Bangalore	International Conference (IEEE)
10	Ashwinkumar.U.M & Dr AnandaKumar KR.	Ethical and Legal issues in Medical data Mining	www.ijca.org Vol1-28, 2010	International Journal
2009-2010				
11	Dr. Indiramma M & Dr AnandaKumar KR	Behavioral Analysis of team members in Virtual Organization based on Trust Dimension and Learning	WASET09, HongKong, 2009 www.WASET.org	International Journal
12	Dr. Indiramma M & Dr AnandaKumar KR	TCM: A trust computational model for Collaborative decision making in Multi Agent systems	IJCSNS vol 8, no.11, 2009 WWW. IJCSNS.org	International Journal
13	Champa H N & Dr AnandaKumar KR	Writer Personality Prediction through letter 'y' using Generalized Hough Transform (GHT)	International Journal of Information Processing (IJIP) 2009, Volume 3, Issue 4 www.ijipbangalore.org	International Journal
14	Champa H N & Dr AnandaKumar KR	Rule-based approach for Personality Prediction through Handwriting Analysis	2 nd International Conference on Biomedical Informatics and Signal Processing March, 2009 www.biomedglobal.org	International Conference
15	Champa H N & Dr AnandaKumar	Writer Personality Prediction through letter	3 rd International Conference on Information Processing	International

	KR	'y' using Generalized Hough Transform (GHT)	(ICIP)August, 2009 www.icipbangalore.org	Conference
16	Champa H N & Dr AnandaKumar KR	Multiple Methods for Personality prediction through letter 'y'	International Journal of Computer Applications in Engineering, Technology and Sciences (IJ-CA-ETS), Oct '09-March '10, Vol. 2, Issue 1 www.aessangli.in	International Journal
2008-2009				
17	Dr. Indiramma M & Dr Ananda Kumar KR	Collaborative decision making for Multi Agent systems for GIS application	IEANG 2008,HongKong	International Journal
18	Dr. Indiramma M & Dr Ananda Kumar KR	Collaborative Multi agent decision making framework for distributed systems	ICCCE08, 2008 Malaysia, IEEE Explore Digital Object Identifier: 10.1109/ICCCE.2008.4580785	International Journal
19	Champa H N & Dr AnandaKumar K R.	A Scientific approach to Behavior analysis through handwriting analysis	CONVERG-2K8, Feb 2008, Bhimavaram, A P	National Conference
20	Champa H N & Dr AnandaKumar K R	Handwriting Analysis for Writer's Personality Prediction	Int'l Conference on Biometrics Technologies and Applications – the Indian Perspective, August 29	International Conference
21	Ashwinkumar.U.M & Dr AnandaKumar KR	Manipulation of clinical Data Warehouse Using Extended SQL	ICETAETS-08, Rajkot	International Conference
22	Ashwinkumar.U.M & Dr AnandaKumar KR.	Unique Tools for Automating Data Mining for Hospital Mgmt	ICAC-08, Chikli	International Conference
23	Ashwinkumar.U.M & Dr AnandaKumar KR.	Unique Tools for Automating data Mining for Hospital Management	www.ijcsa.org 0974-1011 (Online) December- 2008 Page no 216-219.	International Journal
2007-08				
24	Indiramma M, and Dr. K R Anandakumar	A Trust based Decision making in Multiagent Systems for GIS applications	IEEE International conference on Recent Applications of Soft computing, Alwar, December,	International conference
25	Dr. K.R Ananda kumar and Arun Kumar M.N	Data mining Approach to Generate Interesting Rules in Census Data	21st National Convention of Computer Engineers and National Seminar on Advances in Soft Computing, Bhubaneswar, Orissa	National Conference
26	Dr. K.R. Ananda Kumar and Anitha.M.L	Cooperation Methodologies in MAS	21st National Convention of Computer Engineers and National Seminar on Adv. in Soft Computing, Bhubaneswar, Orissa,	National Conference

	2006-07			
27	Dr. K.R. Ananda Kumar and M.N. Arun Kumar	CB-Model: Measuring the Interestingness of Association Rules using Computational and Behavioral Parameters	International Conference on Resource Utilization and Intelligent systems, INCRUIS, Kongu College of Engineering, Erode, 2006, Pp. 228-232	International Conference
	2005-06			
28	Dr. K.R. Ananda Kumar and M.N. Arun Kumar,	“CB-Algorithm: An algorithm to generate interesting association rules”	International Conference ADCOM, Amrita Institute of Technology, 2005, pp. 106-111	International Conference
	2004-05			
29	M. Indramma and Dr. K.R. Ananda Kumar	“A Survey on Multi agent systems for decision making and problem solving”,	National Conference on Distributed Computing, pp110-113 NMAMIT, Nitte, 2004	National Conference
30	Dr. K.R. Ananda Kumar and M.L. Anitha	“A Survey on Software Agent Technology”	National Conference on Distributed Computing, pp 118-121 NMAMIT, Nitte, 2004	National Conference
	2003-04			
31	Dr. K.R. Ananda Kumar and M.N. Arun Kumar	“Review on Data Mining of Techniques”,	2 nd National Conf. on Document Analysis and Recognition, July, pp. 453-457.	National Conference
32	Dr. K.R. Ananda Kumar,	“Fingerprint Recognition System”,	2 nd National Conf. on Document Analysis and Recognition, July	National Conference
	2000-2003			
33	Dr. TV Geetha and K.R. Ananda Kumar	Formation of Work Group for Software Development Process	Journal of Engineering and technology, Vol-13, March 2000, pp 90-95	National Journal
34	Dr. TV Geetha and K.R. Ananda Kumar	ISP:A Intelligent Selection of Product(s) Advertised on Internet via the World Wide Web	Journal of Internet Research: Electronic Networking Applications and Policy, 1999	On-line Journal
35	Dr. TV Geetha and K.R. Ananda Kumar	Resolving Disparity in Non Cooperative Domain through Behavior Modeling	VIVEK:Journal of Artificial Intelligent, vol 11, No 4, October, 1998, pp 3-10	National Journal
	1999			
36	Dr. K.R. Ananda Kumar and Dr. T.V. Geetha	, “Formation of work group on the Web Software Development Process”,	Int’l Conf. on Robotics Vision Parallel Processing for Automation 1999, MALAYSIA	International Conference

37	Dr. K.R. Ananda Kumar and Dr. T.V. Geetha,	“ISP: A Intelligent Selection of Product(s) advertised on Internet Via the WWW”,	Journal of Internet Research: Electronic Networking App. and Policy, 1999, ISRALE	E-journal
	1998			
38	Dr. K.R. Ananda Kumar and Dr. T.V. Geetha,	“Incremental Action-Research for Learning in FA/C Distributed AI Systems”,	Proceedings of the sixth Int’l Conf. on Advanced Computing, pp 233-239, Dec.	International Conference
39	Dr. K.R. Ananda Kumar and Dr. T.V. Geetha,	“Trust on the Web: an open and Dynamic Environment”,	Proceedings of the N’l Conf. on Advanced Databases and Applications, pp 79-89, Oct	National Conference
40	Dr. K.R. Ananda Kumar and Dr. T.V. Geetha,	“Theta Decomposition”,	Procd. of the Int’l conf. on Stochastic process and their applications, pp 348-356, Jan	International Conference
	1997			
41	Dr. K.R. Ananda Kumar and Dr. T.V. Geetha,	“Learning in Distributed Temporal Databases”,	Proceedings of the 3 rd Int’l Conf. on Cognitive System, pp 443-454, December 1997	International Conference
42	Dr. K.R. Ananda Kumar and Dr. T.V. Geetha,	“Resolving Disparity among the Agents in a Distributed AI System”,	Proceedings of the fifth Int’l Conf. on Advanced Computing, pp 23-29, Dec	International Conference