



CURRICULUMVITA E

Dr.Praveen Kumar K

Professor, Department of Computer
Science & Engineering,

LBS College of Engineering (Govt. of Kerala Undertaking), Kasaragod.

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Academic Qualifications

Sl. No	Degree	Date of Aquiring	Specialization	University	Marks/CGPA
1	PhD	2014 January	Computer Engineering	Anna University, Chennai	NA
2	M Tech	2005 July	System Analysis	National Institute of Technology, Surathkal, Karnataka	7.9
3	B Tech	1997 December	Computer Science &Engg	University of Calicut	71 %
4	Pre Degree	1992 March	Physics, Chemistry, Maths	University of Calicut	70 %
5	SSLC	1990 march	NA	Board of Public Exams, Kerala	87%

Consultancy Project:

Sl. No	Funding Agency	Title of the Consultancy Work	Period	Amount	Principal Consultant / Co-Consultant
1	The Kasaragod District Cooperative Hospitals.	Computerisation and Networking	2023	80 Lakhs	Principal Consultant
2	Angadimogar Service Cooperative Bank	Core Banking	2021	28 Lakhs	Principal Consultant
3	Madikai Service Cooperative Bank	Core Banking	2015	13 Lakhs	Principal Consultant
4	Bedadka Service Cooperative Bank	Core Banking	2014	15 Lakhs	Principal Consultant

Doctoral Degree [Ph.D] Details

Thesis Title	University	Award Date	Area of Research
A Cluster Based Multipath Routing Protocol For Energy Conservation And Fault Tolerance In Wireless Sensor Networks.	Anna University, Chennai	08.01.2014	Information Communication Engineering

Details of experience:

Teaching: **Total: 26 Years**

Designation	Institution	Nature of appointment	Nature of Duties (Teaching/ Research/ Administration Others)	Date of Joining	Date of relieving
Computer Programmar	Abudhabi Commercial Bank	Contract	Developing of interface Software for the POST and installation	1998 August	1999 August
Lecturer	LBS College of Engg. Kasaragod	Regular	Teaching	09/08/1999	30/06/2006
Assistant Professor	LBS College of Engg. Kasaragod	Regular	Teaching	01/07/2006	31/10/2007
Assistant Professor	LBS College of Engg. Kasaragod	Regular	Teaching	01/11/2007	31/10/2010

Associate Professor	LBS College of Engg. Kasaragod	Regular	Teaching	01/11/2010	08/01/2014
Professor	LBS College of Engg. Kasaragod	Regular	Teaching	09/01/2014	Till date

Research Publications:

Sl.No	Title of paper	Journal Name /DOI/ISSN of Article	Page Numbers	Number of Authors / Authorship	Date of Publication
1	Survey on Applications of Blockchain in E-Governance	<u>REVISTA GEINTEC-GESTAO INOVACAO E TECNOLOGIAS</u> https://doi.org/10.47059/revistageintec.v11i4.2409 ISSN 2237 0722	3807 - 3822 Volume 11 No. 4(2021)	2 Second Author	29/07/2021
2	An Energy Efficient Data Gathering Scheme for Wireless Sensor Networks Using Hybrid Crow Search Algorithm	IET Communications - 2021 (Wiley) https://doi.org/10.1049/cmu2.12128 ISSN 1751 - 8628 (Print) 1751 – 8636 (Online) Impact Factor 1.664 Cite Score : 3.4	906 – 916 IET Commun.2012:15 :906-916	2 First Author	21/02/2021
3	Quality Enhancement with Fault Tolerant Embedding in Video Transmission over WMSNs in 802.11e WLAN	Elsevier https://www.sciencedirect.com/journal/adhocnetworks	18 – 31 Ad Hoc Networks 88 [2019] 18 -31	2 First Author	15/05/2019

		https://doi.org/10.1016/j.adhoc.2018.12.013 ISSN 1570 – 8705 Impact Factor 4.111 Cite Score 8.6	www.elsevier.com/locate/adhoc		
4	Microaneurysm Detection and Classification Using Extreme Learning Machine	International Journal of Computer Science and Information Security ijcsis/vol-15-no-10-oct-2017 ISSN 1947 5500	68 – 74 Vol 15, No. 10 October 2017	2 Second Author	10/10/2017
5.	A survey on various techniques for the detection of Diabetic Retinopathy in Retinal Fundus Images	International Journal of Advanced research in Computer and Communication Engineering. ISSN 2319 – 5940 (Print) 2278-1021(Online)	190-195 Volume 5, Special issue, February 2016	2 Second author	01/02/2016
6	A Cluster Based Multipath Routing Protocol for Energy Conservation in Wireless Sensor Networks	European Journal of Scientific Research http://europeanjournalofscientificresearch.com ISSN 1450 -	559 – 569 Vol. 78 No.4 (2012) EuroJournals Publishing, Inc. 2012	3 First Author	12/09/2012

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7	Cluster Based Fault Tolerant Technique for WSNs Using Next Hop Selection Probability	Archives Des Sciences, Archives of Science Journal, Switzerland Geneva ISSN 1651 – 464 X Impact Factor (ISI – Thomson Rheuters) 0.474	59 – 72 Vol. 65 No.12 December 2012	3 First author	12/12/201
8.	Classification Algorithms in Data mining : A Comparative Study	nCORETech – National Conference on Recent Advances in Engineering and Technology. LBS College of Engineering Kasaragod	Published in proceedings	2 Second Author	February 2015
9.	A study on various clustering algorithms to help predicting diseases covering a geographical area	nCORETech – National Conference on Recent Advances in Engineering and Technology. LBS College	Published in proceedings	2 Second author	February 2015

		of Engineering Kasaragod			
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Seminars/Conferences/Short Term Courses organized:

Sl. No	From	To	Title of the Program	Sponsoring Agency/Self-financed
1	26/07/2021	27/07/2021	International Conference on Advances in Computing and Security	LBS Center for Science and Technology
2	09/07/2019	11/07/2019	Faculty Development Program on Deep Learning	Kerala Technological University
3	01/10/2019	01/02/2020	UiPATH Robotics	ASAP-GOVT OF KERALA

Fellowship/Membership of Professional Bodies:

Sl. No.	Name of Professional Body	Grade of Membership	Membership No.
1	ISTE	LIFE MEMBER	LM15374

Invited Lectures/Expert Talks

S . N o .	Title of the Seminar/Conference	Organizing Agency	Invited Lecture/Resource Person/keynote speaker/paper presenter/plenary speaker	Date of programme
1	International Conference on Advances in Security and Computing (IC ASC-21)	LBS College of Engg Kasaragod	Conference Chair	28/07/2021
2	International Conference on Emerging Trends in Engg. (YUKTHI-21)	Govt. Engineering College Calicut	Reviewer	24/09/2021
3	Frontier Areas of Artificial Intelligence	Central University Kerala	Invited Lecture (online)	29/09/2021
4	IoT Development Framework for Agriculture ATAL FDP	LBS College of Engg Kasaragod Sponsored by AICTE	Expert Talk	06/09/2021

4	International E- Conference on Research Essential in Machine	SRM University	Conference Chair	24/06/2020
5	Additional Skill Acquisition Programme	Department of Higher Education ASAP Kerala	Resource Person (online)	06/07/2020
6	ATAL Workshop on Artificial Intelligence	Central University of Kerala, CS DeptSpons: AICTE	Keynote Speaker andResource Person	30/09/2019
7	Workshop for Building Digital Resources and Barcode Implemen	SCERT, Kerala	Resource Person	01/05/2019
8	CSI Sponsored Two days National Level Workshop on Hadoop	Bangalore University. Spons : CSI	Keynote Speaker	20/06/2019
9	National Conference on Recent Trends in Engineering and Tech	Govt Poly College Periya. Spons : DTE Kerala	Keynote and Chair	01/03/2018
10	International Conference on Soft computing and Network Security	KNU South Korea and SNS CE Coimbatore Spons : IEEE	Keynote andConferenceChar/rev iewer	14/02/2018
11	National Conference on Technological Advancement on Engg and	SreeNarayana Guru College of Engg and Technology	Keynote Speaker andConference Chair	17/03/2017
12	National Conference on Technological Advancement on Engg and Technology	SreeNarayana Guru College of Engg and Technology	Keynote Speaker andConference Chair	17/03/2016
13	International Conference on Soft computing and Network Securities	KNU South Korea and SNS CE, Coimbatore	Keynote SpeakerReviewer ConferenceChair	25/02/2015
14	National Workshop on Artificial Intelligence	Govt College Kasaragod Spons UGC	Resource Person	30/01/2015
15	National Conference on Recent Advancements in Engg and Tech	LBS College of Engg. Kasaragod	ConferenceCoordinator	20/01/2015
16	National Conference on Recent Advancements in Engg and Tech	LBS College of Engg. Kasaragod	Paper Presenter	20/01/2015
17	National Conference on Recent Advancements in Engg and Tech	LBS College of Engg. Kasaragod	Paper Presenter	20/01/2015

18	Tehnickal Talk on Routing Algorithms for Advanced Info. Netwo	MES College of EnggKuttippuram	Invited Lecture	05/07/2014
19	Lecture on Cyber Security	LBS Centre for Science & Technology	Invited Lecture	10/11/2014
20	STTP on Teaching Menthodology	LBS College of Engg Kasaragod	Resource Person	01/08/2013

ResearchAreas

Information Networking
Distributed Systems

Administrative/Institute Support Work:

SI No	Designation/Position	Nature of Job / Responsibility	Period
1.	Academic Dean LBS College of Engg. Kasaragod	<ul style="list-style-type: none"> • Smooth conduct of the academic activities of UG Programmes - from admission to completion • Plan and supervise the Cocurricular Activities. 	2016 August till date
2.	Member BoS (CSE), APJ Abdul Kalam Technological University, Thiruvananthapuram	<ul style="list-style-type: none"> • Discuss with the peers and recommend the reforms in the academic matters of the University • Since the BTechcurriculum is getting revised, we are now in the process of preparing the Curriculum for B Tech Computer Science and Engineering 	2019 onwards

		Stream.	
3.	Served as External Expert for the Selection process of Senior Technical Assistant, Lower Division Clerk in Central University of Kerala	<ul style="list-style-type: none"> Testing the Computer Proficiency of the Candidates 	26 th , 27 th , 28 th , 31 th of December 2021
4.	Served as an Expert Member in the interview Board for the Selection of Asst. Professor (Adhoc) in the Computer Science Department of Central University of Kerala	<ul style="list-style-type: none"> Member in the Interview Board 	8 th August 2021.
5.	Expert member SCERT, Thiruvananthapuram.	<ul style="list-style-type: none"> Implementing the QR Code for “DIKSHA” digital platform for Govt. Schools in Kerala. 	May 2019
6.	Member in the AICTE Expert Visit Committee,	<ul style="list-style-type: none"> Visit the Institution and Verify the Records submitted for affiliation. Scrutinise the Applications submitted for the closure/transfer of site of Colleges 	April 2019 May 2017
7.	Chairman, Finance Committee, iCORETech 2018	<ul style="list-style-type: none"> Manage the Finance for the International Conference. 	2018 December
8.	Member BoS (PG- Engg), Kannur University	<ul style="list-style-type: none"> Curriculum Preparation Academic Matters 	2016 to till date
9.	Programme Coordinator for B Tech Computer Science & Engg, LBSITW	<ul style="list-style-type: none"> Conduct of the Programme Preparing and Presenting the documents for NBA visit 	April 2014 to July 2016
10.	Organising Secretary of	<ul style="list-style-type: none"> Conduct of the National 	

	nCORETech-2015	<p>Conference of LBS College of Engg. Kasaragod</p> <ul style="list-style-type: none"> • Coordinate the Technical, Programme, Finance, Printing and Publishing and Registration and Reception Committes. 	January 2015
11.	General Convenor of Chief Minister Programme at LBSCEK	<ul style="list-style-type: none"> • Coordinate the unveiling of the Bust of Sri. Lal Bahadur Shasthri • Coordinate the Foundation Stone Laying Ceremony of various Blocks and Auditorium • Inaguration of PG Block • Coordinate the Meeting with Budding Entrepreneurs • TBI 	July 2014
12.	Head of the Department of Computer Science	<ul style="list-style-type: none"> • Look after the Academic, Cocurricular and Extra Curricular activities of the students of the Department.. • Uplift the image of the Department among stake holders • Hold the staff members of the Department as a team for attaining better academic and non academic achievements 	January 2011 To April 2014
13.	Head of the Department of	<ul style="list-style-type: none"> • Look after the Academic, 	January 2008

	Information Technology	<p>Cocurricular and Extra Curricular activities of the students of B Tech IT</p> <ul style="list-style-type: none"> • Uplift the image of the Department among stake holders 	To December 2013
14.	Chairman of Continuing Education Cell (Initiated)	<ul style="list-style-type: none"> • Conduct various Short term courses for the Students • Train the students to appear for the Competitive Examinations like GATE 	2012,2013
15.	Chairman of the Teranis 2K9, 2K12 and 2K13. (Initiated)	<ul style="list-style-type: none"> • Supervise the conduct of the Technical Fest of LBS College of Engg. Kasaragod • Coordinate the National Conference AAROHAN. 	2009, 2012 and 2013
16.	Training & Placement Officer (Initiated)	<ul style="list-style-type: none"> • Conducted various Training Programmes. • Conducted pooled recruitment drives for CTS, Satyam, IBS, UST global, Jindal Steels, Amara Raja, and many other MNCs. 	2006 - 2011
17.	Coordinator of TEQIP II. (LBSCEK)	<ul style="list-style-type: none"> • Prepare the SWOT and Institutional Development Plan 	2010
18.	Staff in charge of Laboratories (LBSCEK)	<ul style="list-style-type: none"> • Computer Lab 1 • CCF • Establish and Maintain the Lab. 	2001 to 2003 2007 - 2014
19.	Secretary of Alumni	<ul style="list-style-type: none"> • Clear and maintain the 	2002 to 2007

	Association of LBSCEK (Initiated)	accounts <ul style="list-style-type: none"> • Rejuvenate the activities of the Association • Conduct EC and GB meetings 	
20.	Liaison Officer for NBA Team at LBSCEK	<ul style="list-style-type: none"> • Preparation work of the Institution to face the NBA Team visit • Liaison the NBA Team 	2007 to 2008
21.	Chief Superintendant of University Examinations (LBSCEK)	<ul style="list-style-type: none"> • Conduct of the University Examinations 	2007 to 2010
22.	Chairman Board of Examinations of MCA (Kannur University)	<ul style="list-style-type: none"> • Conduct of the Laboratory Examinations of MCA Centres. • Prepare the List of Examiners and Evaluators for the Valuation • Supervise the valuation Camps 	2007 to 2010
23.	Chairman Board of Examinations of B Tech Information Technology (Kannur University)	<ul style="list-style-type: none"> • Conduct of the Laboratory Examinations of B Tech IT. • Prepare the List of Examiners and Evaluators for the Valuation • Supervise the valuation Camps 	2010 to 2013
24.	Member Board of studies in Engineering (Kannur University)	<ul style="list-style-type: none"> • Discuss with the peers and recommend the reforms in the academic matters of the University 	2010 to 2014

25.	Chairman of the syllabus revision committee B Tech Information Technology (Kannur University) Member of B Tech CSE	<ul style="list-style-type: none"> • Coordinate the meetings of the members • Discuss and finalise the syllabus for the B Tech Information Technology Programme • Report the syllabus to the Registrar for acceptance 	2008 And 2013
26.	Expert Member of SCERT	<ul style="list-style-type: none"> • Member of the team prepared the Text book for Information Technology of 10th STD equivalency 	2010
27.	Expert member for the finalization of Syllabus of PG (Kannur University)	<ul style="list-style-type: none"> • Member of the team to discuss and finalise the syllabus for the M Tech programme in Computer Science & Information Security. 	2015
28	Technical Expert	<ul style="list-style-type: none"> • Member of the Board to conduct Interview at CPCRI • Member of the Board to conduct the Interview for PGT .atJawaharNavodayaVidyalaya. 	2008 to 2014 2008 – 2013
29	Indian Examiner PhD Viva (AnnaUniversity, Chennai)	<ul style="list-style-type: none"> • Indian Examiner for the PhD oral Examination at PSG College of Technology, Coimbatore, Bharathiyar University, 	2018

		Tamilnad	
30.	PhD Thesis Evaluation	<ul style="list-style-type: none"> Evaluated the thesis of Research Scholar of Anna University, Chennai, Bharathiyar University, Karpagam University, SRM University. Tamilnadu 	2017
31.	Expert talk	<ul style="list-style-type: none"> Technical talk at Kyungpook National University, South Korea. Technical Session for FDP at Govt. College, Kasaragod Pedagogical Training for staff members at LBSCEK. Regional Centre, LBS centre 	
32	Question Paper Settings	<ul style="list-style-type: none"> MG University CUSAT 	2012, 2014 2013, 2014
33	STTPs Coordinated	<ul style="list-style-type: none"> Deep Learning (Spons : KTU) Intelligent Agents and Distributed Computing ISTE STTP Project Management and UML at LBSCEK, ISTE STTP 	9 th to 11 th July 2019. 19 th – 31 st March 2007 20 th November to 2 nd December
34	STTPs attended	<ul style="list-style-type: none"> Emerging Trends in Data Mining and WSN, NITK, Surathkal Workshop on Art of Computing, PSG College of Technology 	21 – 25 July 2008 7,8, December 2012.

35	Chairman, Silver Jubilee Alumni Auditorium Committee.	<ul style="list-style-type: none"> • Fund Rising • Supervise the construction 	
36.	Translator for NPTEL material	<ul style="list-style-type: none"> • Translate the content of NPTEL material from English to Malayalam 	
37	Academic Auditor of KTU	<ul style="list-style-type: none"> • Auditing the Academic Documents of the Affiliated Colleges 	Since 2016

Kasaragod

Dr. PRAVEEN KUMAR K

29.04.2024