Curriculum Vitae of Dr. Cini Kurian

Prof. (Dr) Cini Kurian
Professor and Principal
Al-Ameen College, Edathala, Aluva
Research Guide, M G University, Kottayam

Qualification	: M.C.M, M. Phil, Ph. D
Email	:, cinikurian@gmail.com
Mobile No	: 9847734920
Date of Birth	: 18/05/1970
Date of Joining in the Present Service	: 24/03/1997
Date of Retirement	: 31/05/2026

1. Academics

Sl.No	Exam Passed	Institution/University	Main Subject	Year of Passing	Class
1	B. Sc.	Maharajas College, Ernakulam	Physics, Maths, Statistics	1990	First Class
2	M.C.M	Shivaji University, Kolhapur	Computer Applications	1994	First Class
3	M. Phil	Bharathidasan University, Trichy	Computer Applications	2007	First Class
4	P. hD	Cochin University, Science and Technology	Computer Applications	2014	

2. Journal Publications:

SL No	Publication in Journal	Name of Journal	Journal issue
1	*Automatic Speech Recognition Performance of Alveolar Plosive and Retroflex Plosive Phonemes of Malayalam Language*	IOSR Journal of Engineering (IOSRJEN)	Vol. 09, Issue 5 (May. 2019),ISSN (e): 2250-3021,

2	Analysis of Automatic Speech Recognition of Dental Plosive and Alveolar plosive Phonemes of Malayalam Language	International Journal for Research in Engineering Application & Management (IJREAM)	ISSN : 2454-9150 Vol-05, Issue-02, May 2019
3	*Automatic Speech Recognition of Alveolar Rhotic and Retroflex Rhotic Phonemes of Malayalam Language*	International Journal of Computer Sciences and Engineering	ISSN: 2347-2693 Volume-7 , Issue-5 , Page no. 1283-1286, May-2019
4	*Comparison of Palateral, Retroflex and Alvelor Lateral in Automatic Speech Recognition*	International Journal of Engineering Trends and Technology (IJETT)	ISSN: 2231-5381 Volume 67 Issue 5-May 2019
5	*Speech Recognition performance of Dental Nasal an Retroflex nasal Phonomes of Malayalam Language*	International Journal of computer trends and Technology (IJCTT)	Volume-67 Issue-5 Number-4 May 2019 ISSN: 2231-2803
6	A Review on Domain based Automatic Speech Recognition Technology	International Journal of computer trends and Technology (IJCTT)	, ISSN: 2231-2803. Volume 67 Issue 6 Number 2 June 2019
7	Isolated Word Lateral Phonetic Class Speech Recognition in Malayalam language	International Journal of Computer Sciences and Engineering	Vol.-6, Issue-5, May 2018 **pp.848-850** ISSN: 2347-2693
8	Automatic Speech Recognition of Rhotic Phonetic Class Words in Malayalam language	International Journal for Research in Engineering Application & Management	Vol-04, Issue-02, May 2018 ISSN : 2454-9150
9	Automatic Speech Recognition of Plosive Phonetic Class Words in Malayalam Language-	international journal of computer science and mobile applications -	Vol.6 Issue. 4, April-2018, pg. 213-216 ISSN: 2321-8363
10	Comparison of Different HMM Models for Mobile Based Automatic Speech Recognition in Malayalam Language -	International Journal of Informative & Futuristic Research -	Volume 5, Issue 8, April 2018 ISSN: 2347-1697
11	,Automatic Speech Recognition of Malayalam Language Nasal Class Phonemes-	International Journal of Computer Applications Technology and Research	Volume 7–Issue 05, 200-202, 2018, ISSN:-2319–8656
12	Mobile Automatic Speech Recognition in Malayalam Language with Different Feature Extraction Methods -	International Journal of Emerging Technology and Advanced Engineering	Volume 8, Issue 4, April 2018 ISSN 2250-2459 pg **183-185**
13	Automatic Speech Recognition of Fricative Class Phonemes in Malayalam language	International Journal of Innovative Trends in Engineering (IJITE)	ISSUE: 62, VOLUME 40, NUMBER 02, APRIL 2018 ISSN: 2395-2946
14	An insight on the internet of things (IOT)	AL-AMEEN ANNUALS	Volume 1: No.1 October 2017 , ISSN :2581-7078
15	A case study of automatic guidance of a tractor With monocular machine vision	AL-AMEN ANNUALS	Volume 1: No.1 October 2017, ISSN : 2581-7078

16	Security in wireless sensor network	AL-AMEN ANNUALS	Volume 1: No.1 October 2017 ISSN : 2581-7078
17	A review on speech corpus development for automatic speech recognition in Indian languages	International journal of advanced networking applications	Volume: 06 Issue: 06 Pages: 2556-2558 (2015) ISSN: 0975-0290-
18	A review on the progress of natural language processing in India"	International Journal of Advances in Engineering & Technology	*Vol. 7, Issue 5, pp. 1420-1425 Nov., 2014.* *ISSN: 22311963*
19	A Review on Technological Development of Automatic Speech Recognition"	international Journal of Soft Computing and Engineering™ (IJSCE)	Volume-4 Issue-4, September 2014 ISSN:2231-2307
20	A survey on Speech Recognition in Indian languages	*International journal of computer science and information technologies*	Vol. 5 (5) , 2014, 6169-6175 ISSN :0975-9646
21	Dictation System for Malayalam Language using Hidden Markov Models	Al-Ameen Journal of Research and Publication	Volume 1: No.1 September 2014 ISSN : 2250-2734
22	Connected Digit Speech Recognition system for Malayalam Language	*Sadhana-Academy Proceedings in Engineering Sciences-Springer*	Volume 38. Issue 6 pp 1339-1346 2013/12/1
23	Artificial Neural Network: A Computational Model for the Future	Al-Ameen Journal of Research and Publication	Volume 1: No.1 September 2013 ISSN : 2250-2734
24	Malayalam Isolated Digit Recognition using HMM and PLP Cepstral Coefficient	International Journal Of Advanced Information Technology(IJAIT)	Volume 1 , No 5, October 2011. ISSN :2231-1548
25	Continuous speech recognition system for Malayalam language using plp Cepstral coefficient	International Journal of Computing and Business Research (IJCBR)	Volume 3 Issue 1 January 2012 2229-6166
26	Automated Transcription System for Malayalam Language	International Journal of computer Applications(IJCA)	volume 19- No.5, April 2011 ISSN-2250-179

3. Publications in Conference Proceedings

Sl No	Publication in Conference	Name of conference Proceedings	Date of confere n ce	Remarks
27	Speech Database and Text Corpora for Malayalam Language Automatic Speech Recognition Technology	2016 Conference of The Oriental Chapter of International Committee For Coordination and Standardization of Speech Databases and AssessmentTechniques (O-COCOSDA) Year: 2016 | Conference Paper | Publisher: IEEE	2016	UGC Care list Group A
28	Development of Speech Corpora for different speech recognition task in alayalam Language	Proceedings of ICON-2015- 12th International Conference of Natural Language Processing - December 11-14, 2015	2015-Dec-11	
29	Isolated Malayalam digit recognition using Support Vector Machines	2010 International Conference On Communication Control And Computing Technologies Year: 2010 | Conference Paper | Publisher: IEEE pp 692 -695	2010	UGC Care list Group A
30	Speech Recognition of Malayalam Numbers",	2009 World Congress on Nature & Biologically Inspired Computing (NaBIC) Year: 2009 | Conference Paper | Publisher: IEEE	2009 – December 9-11	UGC Care list Group A
31	Natural Language Processing in India Prospects and Challenges"	International Conference on "Recent Trends in Computational Science 2008(ICRTCS-2008), Kochi, India. June 11-13	2008.June 11-June 13	

32	Perceptive Linear Predictive Cepstral Coefficient for Malayalam isolated Digit Recognition	Proceeding - Trends in Engineering and Information Technology- Volume 204, 2011 recognition" (Springer Berlin) **Computer Applications**	01/01/2011	
33	Development & evaluation of different acoustic models for Malayalam continuous speech recognition	*Procedia Engineering Volume 30, Pages (2012)*1081-1088 *International Conference on Communication Technology and System Design 2011*	2011	UGC CARE LIST Group A
34	A Comparative study of HMM and SVM in Malayalam Digit Recognition	Proceedings of the National Conference on Indian Language Computing (NCILC) 2013 Cochi-January 18-19	2013 – January 18-19	

4. Details of Workshops/ Conferences/ Seminars/ Symposia Attended/ Papers Presented /

Sl. No	Name	Invited/Contributed/ Participation	Place and Date	Sponsoring Agency	International/ National/Regional
1	Quality Enhancement And Sustenance In Higher Education : Trends Challenges and Way forward	Participation	Thrikkakara 05/01/2019	NAAC	National
2	Academic and Non Academic Aspects of B.Voc	Participation	Kalamassery 24/10/2018	St. Paul's College, Kalamassery	Regional
3	New Trends in Higher Education	Participation	Marampally 05/11/2018	Council of Principals of Colleges in Kerala	Regional
4	8th National Conference On Indian Language Computing	Contributed	CUSAT, Cochin 16/03/2018	DCA, Cusat	National

5	Winter School On Speech and Audio Processing	Participation	Bangalore 2017 -Jan 26 – 29	IIS, Bangalore	International
6	O-COCOSDA-2016	Contributed	Bali , Indonesia Oct 26th -28th 2016	International Committee for Coordination and Standardization of Speech Database and Assessment Techniques	International
7	Academic & Administrative Auditing	Participation	Aluva, 18-03-2016	IQAC, St. Xavier's College, Aluva	National
8	FDP in Quality Assurance	Participation	Thiruvananthapuram March 2nd – 3rd 2016	ICT Academy of India	National
9	INDO-CZECH Workshop On Big Data Analytics 2015	Participation	Cusat, Cochin 2015 ,21 st January	TEQIP Phase - II	International
10	Work shop on Speech Processing	Participation	RIT , Kottayam 2013, 9th to 10th	TEQIP Phase - II	International
11	Work shop on Equipping New era Practitioners: Teaching Learning and Evaluation	Participation	St. Teresa's college, Ernakulam June 20-21 , 2013	NAAC	National
12	2nd National Conference On Indian Language Computing	Contributed	CUSAT, Kalamassery February 18-19 , 2012	CUSAT	National
13	International Conference On Communication Technology & System Design	Contributed	Amritha School of Engineering, Coimbatore December 7-9, 2011	Department of Electronics and Communication Engineering, Amrita	International
14	Hands-on Workshop On Automatic Speech Recognition using Sphinx and HTK	Participation	AUKBC RESEARCH CENTRE, MIT Campus, Anna University, Chennai February 18-20 , 2011	AUKBC , MIT	National

15	Innovations in Natural Computing	Contributed	CUSAT, Kalamassery, December 12-13, 2009	CUSAT	International
16	Workshop On Restructuring Curriculum of Degree Courses	Contributed	M.G university, Kottayam July 23-24, 2009	Board of Studies, M G University	Regional
17	Work shop on Indian Language Speech Recognition	Contributed	CDAC, Thiruvananthapuram June 16-17 2009	CDAC, Thiruvananthapuram	National
18	School On Indian language Speech Recognition	Participation	TIFR, Mumbai November 29-December 05, 2008	TIFR, Mumbai	National
19	Recent Trends in Computational Science	Contributed	Toc H Institute of Science & Technology, Arakkunnam, June 11-13,2009	Toc H Institute of Science & Technology	International
20	The art of Writing Research Papers and Doctoral Thesis	Participation	CUSAT, 02-Februray 2008	CSC & STIC	National

5. International /National/ State – Level Workshops /Conference Organized

Sl. No	Title of the Seminar/Conference	Funding Agency	Dates	National/International /Regional	Role
1	Quality Initiatives in Higher Education Exploring New Frontiers in Higher Education	UGC	November 12-13,2014	National	Joint Coordinator
2	Hands-on Workshop on Information Technology for Specially Abled Persons	KSCSTE		Regional	Coordinator

6. Minor Research Project:

Sl. No	Title	Duration	Funding Agency	Amount	Status
1	Mobile Speech Recognition for Malayalam Language	2013-2015	UGC	1,45,000/-	Submitted

7. Courses Attended for Professional Developments:

Sl.No	Name of the course	Organising Institute	Period
1	Orientation Programme	UGC, Academic Staff College	17.04.2001 - 14.05.2001
2	Refresher course in Environment Science (Multidisciplinary)	UGC, Academic Staff College	09.05.2009 – 29.05.2009
3	Refresher Course in Network and its Applications	Cochin University , Science and Technology	03.03.2003- 25.03.2003
4	Refresher Course in environment Science (Multidisciplinary)	UGC, Academic Staff College	24.02.2009- 17.03.2009
5	Winter School On Speech and Audio Processing	Indian Institute of Science, Banglore	26.01.2017- 29.01.2017
6	One week Faculty Development Programme for Educational Administrators	Kerala State Higher Education Council	10.07.2019- 14.07.2019

8. Administrative Experiences

- Joint Coordinator , IQAC 2012-2015
- IQAC Coordinator 2015-2020
- Principal in charge 2020 onwards

9. Membership in Professional Bodies

- Life member computer Society of India

10. Major Academic Achievements

- 32 Paper Publications (21 Post Doctoral)
- Five papers in UGC Care list Group A

11. Citation & Indices

Citations	102
h-index	6
i-10 index	3
Scopus index	6

12. Recognitions

1. Subject expert in the Screening cum Evaluation Committee for the CAS Promotion of teachers of the Colleges in University of Calicut

2. Chairman of the Board of Question Paper Setters in BCA CUCBCSS 2017, Calicut

3. Member, Board of Studies of Mahatma Gandhi University 2017

4. Subject expert in the Screening cum Evaluation Committee for the CAS Promotion of teachers of the Colleges in M G University

5. Approved Project Evaluator, Kerala Technical University (KTU)

6. Member, examination board of M.Voc course, Cochin University of Science and Technology

7. Member, Board of Studies in Department of Computer Science, St.Joseph's College, Irigalakkuda (Autonomous) 2017

8. Member, examination board of BCA Course, Assumption College, Changanassery (Autonomous) 2017-18

9. Member, Examination Board of PSC Examination, Kerala
10. Subject Expert of Inspection Commission for New Colleges and Courses in M .G University, Kottyam for the academic year 2006-2007

11. Reviewer of NCILC (National Conference On Indian Language Computing) from 2012 onwards

12. Editorial Board Member, The International Journal of Information Science & techniques (IJIST)

13. Editorial Board Member, International Journal Information of Sciences and Techniques

References:

1. Dr.B.Kannan , Professor, Department of Computer Science, Cochin University of Science and Technology, Cochin-22 ,Ph.9895363612
2. Dr. A. Samudra Vijaya, Scientfic officer Rtd. TIFR, Mumbai and Visiting Faculty, IIT,Guvahati

Dr. Cini Kurian