

Dr. Mahesh M

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ACADEMIC QUALIFICATIONS

Course	Year	Subjects	Institution
PhD	2014	Linguistics Title of the thesis: “ Rhythm and Intonation in Malayalam ”	Jawaharlal Nehru University, New Delhi
M.Phil	2008	Linguistics Research Methodology, Language Acquisition: Issues of Methodology and Analysis, Speech Sciences and Their Applications, Readings in Linguistics	Jawaharlal Nehru University, New Delhi
MA	2007	Linguistics MA Dissertation: “Textual Analysis of Bob Dylan’s Lyrics: Desolation Row”	University of Kerala, Trivandrum

PROFESSIONAL EXPERIENCE

- *Assistant Professor* (2016): Amity University, Uttar Pradesh.
- *Assistant Professor* (2015): School of Humanities and Social Sciences, Galgotias University, Greater Noida.
- *Research Associate* (2014): UGC -EPGP Project (An MHRD Project under its National Mission on Education through ICT (NME-ICT), Center for Linguistics, Jawaharlal Nehru University, New Delhi-110067.
- *Junior Research Fellow* (2011- 2013): Center for Linguistics, Jawaharlal Nehru University (JNU) in the project, “Creation of Integrated Development Environment (IDE) for Generation of Pronunciation Lexicon for Indian Languages (PL-IL) in W3C Pronunciation Lexicon Standard (PLS).” (Department of Information Technology (DIT) funded project for JNU and IIT Kharagpur).

RESEARCH INTERESTS

Primary: Phonetics and Phonology with theoretical and experimental research (Special focus on Acoustic Phonetics) Intonation, Rhythm, Syntax-Phonology Interface, Prosodic Interfaces, Speech Technology.

Others: Linguistics with interdisciplinary perspectives, Language and Communication, Acoustics and Music, Language and Education.

Research Experience

- The doctoral thesis is an enquiry into the phonological investigation of rhythm and intonation in Malayalam through acoustic evidences. The research findings are very significant especially in the field of experimental as well as theoretical phonology. It has many applications in prosodic modeling as an integral part of research in speech technology, Natural Language Processing and developing language-teaching materials.
- Developed Hindi speech corpora and conducted phonetic experiments in the project on the "Creation of Integrated Development Environment (IDE) for Generation of Pronunciation Lexicon for Indian Languages (PL-IL) in W3C Pronunciation Lexicon Standard (PLS).
- Assisted Prof. Caroline Ferry, Goethe-University of Frankfurt, Germany in developing speech corpora for research work on Hindi and Indian English in 2012.
- Experience in Parts of Speech Tagging (POS) with Speech Science Research Forum, Department of Linguistics, University of Kerala and keen interest for developing a POS tag set for Malayalam.

TEACHING INTEREST

- Phonetics theoretical and experimental in phonetic lab settings
- Theoretical and experimental phonology (Basic and Advanced level)
- Prosodic Phonology
- Introduction to Linguistics & General Linguistics.
- Linguistics knowledge for Speech and Language Processing (Text to Speech Synthesis, Speech Recognition).
- Introduction to Morphology, Syntax and Philosophy of Language
- Applied Linguistics
- Language and Communication
- Communication Skill Courses as a Value-Added Course:
- English Grammar traditional and modern approaches
- Social and Cross cultural communication

Teaching Experiences

- Taught Phonetics and Phonology in MA level and conducted Phonetic Lab Tutorials for MA students (2009 Winter Semester) (2011 summer semester) and (2012 summer semester, summer semester 2013) as a Teaching Assistant in Jawaharlal Nehru University.
- Taught Phonetics and Phonology, Communicative English, English for Communication through Language Lab in Galgotias University as an Assistant Professor.
- Taught, Linguistics, Phonetics, English language Teaching, American Literature and Communication skill courses in UG and PG levels in Amity University an Assistant Professor.

E-learning

As part of the job as a Research Associate in JNU, participated in a workshop conducted by UGC-INFLIBNET, Ahmadabad (December 3 to December 5) and got training in software such as A-tutor, an Open Source Web-based Learning Management System (LMS) used to develop and deliver online courses.

TECHNICAL SKILLS

Speech Software: *Praat, Wave surfer, Audacity, Sound forge, Gold wave, Speech Analyser and MBROLA*

Phonetics: *Elicitation of Linguistic Data and Recording speech data in a studio setting using human subjects, Phonetic Lab settings, Experience in handling high quality digital recorders and microphones. Speech corpora development. Digital Archiving of Linguistic Data.*

IT: *Windows, Linux and Macintosh.*

Statistics: *Basic Statistics, Excel Sheet and interest in R-software and Advanced statistical tools.*

Field Trip

- Conducted field trip in Lucknow and Varanasi from 5th to 13th March 2012 for collecting data in varieties of Hindi and developed speech corpora for the research on vowel quality.
- Conducted field trip in the various stages of doctoral research: March 2010 in University of Kerala, September 2011 in University Kerala, February 2012 All India Radio, New Delhi, September 2012 All India Radio, Trivandrum.
- Sound experience in interacting with informants from different socio linguistic background in the field (speakers of trained professional, non-trained educated and colloquial varieties of Malayalam).
- As part of creating Language Archive for Speech Science Research Forum (SSRF), Department of Linguistics, University of Kerala, 15 languages (Rare Indian and Foreign) have been contributed and more works is ongoing.

Organizational

- National member of SCONLI (Students Conference of Linguistics in India) in 2010.
- Worked as a SFC (Students Faculty Councilor of PhD Students in 2009) in Center for Linguistics, JNU.
- One of the organizers in two national workshop on IPA verification in JNU with Department of Information Technology and IIT Kharagpur, held at JNU in the month of May (4-5) and November (28) 2011.
- One of the organizers of three-day International Seminar on Prosodic Interfaces, held at Center for Linguistics, SLL&CS, JNU, New Delhi on 25-27 November 2011.
- Associated with JNU Phonetics and Phonology Colloquium since August 2010.
- Associated with Speech Science Research Forum, University of Kerala since September 2013.
- Course File Coordinator in Golgotias University.
- One of the organizer of International Conference “English for Employability: Emerging paradigms”, held in Amity University, Lukcnov. March 2016
- Rapporteur in an International Conference in Amity University.

Administrative

- Deputy Dean of Students Welfare in Amity School of Languages.

PUBLICATIONS

- Published an article titled “Syntax-Phonology Interface and prosody of Information structure in Malayalam”, in the biannual “Swanimam (Volume I), University of Kerala, Department of Linguistics publication. ISSN NO: 2395-0447, 2015 March.
- Published an Interview with Prof: Larry Hymen on Tonal Languages in Swanimam (Volume 2) University of Kerala, Department of Linguistics publication. ISSN NO: 2395-0447, 2016 March.
- Published an article on “Current Research Trends in Phonology” Swanimam New letter (November 2013), Speech Science Research Forum, Department of Linguistics, University of Kerala.
- Co-authored for an article on “A Phonetic and Phonological Account of /h/ in Hindi”, (communicated with International Journal on Natural Language & Linguistic Theory).
- Co-authored for an article on “Revisiting Word Stress in Hindi for a Speech Synthesis”, Manuscript completed.
- Co-authored for the paper entitled “Hindi Vowels” (Work in progress).

Book: Phd thesis “Rhythm and Intonation in Malayalam” is in final stage of publication.

CONFERENCE PRESENTATIONS

- Co-authored and presented a paper entitled “Phonetics and Phonology of Retroflex Consonants in Hindi and Malayalam.” AICL 31, held at University of Hyderabad, December 15-17, Hyderabad, 2009.
- Presented and co-authored for a paper entitled “A Study of particles in Some Indian languages” 9th International Conference of South Asian Languages, held at Punjabi University, January 7-2009, Punjab.
- Presented a poster entitled “Word stress and Morphology in Malayalam: Phonetic Evidence”, in the three-day International Seminar on Prosodic Interfaces, held at Center for Linguistics, JNU, New Delhi on 25-27 November, 2011.
- Presented and co-authored paper on “Hindi Vowels” in Department Information Technology as part of the project in July 2012.
- Presented a paper entitled “Phonetics and Phonology of intonation in Malayalam wh-questions” in 2nd Workshop on Tone and Intonation: Models Computation, and Evaluation, held at EFLU, Hyderabad in Feb 21-22, 2013.
- Presented and co-authored for a paper entitled “Prosody of Intonation, Focus and Givenness in Bihari and Malayalam varieties of English: A Contrastive study in Declarative Sentences.” in 2nd Workshop on Tone and Intonation: Models Computation, and Evaluation, held at EFLU, Hyderabad in Feb 21-22, 2013.
- Paper accepted in Paper accepted for FASAL 6 conference in March 2016 at UNIVERSITY OF MASSACHUSETTS, AMHERST, USA.
- Co-authored for a paper entitled “Phonetics and Phonology of Word stress in Patna Hindi.” in AICL 34, held at EFLU, Nehu 2012.
- Co-authored for a paper entitled “Revisiting Word Stress in Hindi for a Speech Synthesis Programme”, · Word Stress conference in University of Leiden, Netherland; March 2014.
- Co-authored for a paper entitled “The Glottal Fricative and Schwa Deletion in Hindi: Implications for Speech Synthesis” for NSA064, International symposium on Acoustics for Engineering.

INVITED TALKS

- **In JNU Phonetics and Phonology Colloquium**
- Monsoon Semester 2010: Acoustic correlates of word Stress
- Monsoon 2012: Phonetics and Phonology of Intonation
- Winter Semester 2013: Focus in Malayalam
- Monsoon 2014: Syntax-Phonology Interface in Malayalam
- **Amity Institute of Information Technology**, January 2017, “Linguistics Knowledge for Natural Language Processing”.

REVIEWER

Reviewed abstracts for 4th and 5th International Endangered and Lesser-Known Languages conference in 2016, 2017, and 3rd International Conference of Himalayan Languages Symposium 9 in 2017.

IN NEWS

Project to digitize dying languages embarked, PTI Dec 6, 2013, 01.01PM IST,
<http://articles.economictimes.indiatimes.com/2013-12-06/news/44864>,
<http://www.newindianexpress.com/states/kerala/A-Mission-to-Preserve>

REFEREES

I will be happy to provide whenever it is required.

PERSONAL PROFILE

- Sex : Male
- Marital Status : Married
- Nationality : Indian
- Languages known : English (Second Language), Malayalam (Mother Tongue) Hindi (Average) Tamil (Basic speaking and understanding)

CO-CURRICULAR ACTIVITIES

- Member of Martial Art Club (Blue Belt), JNU
- Learning Flute in Indian Classical Music
- Worked as a Voice Artist for All India Radio Advertisements and working experience with experts in this filed.

Declaration

I prefer working in a truly dynamic environment where intense learning, resourceful thinking and knowledge matters.