

## **National Seminar on Linguistics and Language Sciences in India (NASLILANSI) & Workshops on Forensic and Corpus Linguistics**

on August 9-10, 2019

in Collaboration with Central Institute of Indian Languages, Mysore, India

**Venue:** Centre for Linguistics, SLL&CS, Jawaharlal Nehru University, New Delhi, India

**Abstract Deadline:** 20<sup>th</sup> July, 2019

Dear Colleague

The Centre for Linguistics, School of Languages, Literature & Culture Studies, Jawaharlal Nehru University is pleased to announce that a national seminar on **Linguistics and Language Sciences in India (NASLILANSI)** and workshops on **Forensic and Corpus Linguistics** will be held on 9<sup>th</sup> and 10<sup>th</sup> August, 2019 in JNU in collaboration with Central Institute of Indian Languages, Mysore, India. The aim of the two days seminar-cum-workshop is to look at Linguistics beyond the classroom, its expansion and application in the real-world language related phenomena. The selected participants will present their papers/posters in the national seminar and also able to participate in the workshops. The 1<sup>st</sup> workshop will focus on intensively different aspects of Forensic Linguistics namely forensic phonetics and speaker identification, speaker classification, deception and fraud. The 2<sup>nd</sup> workshop will address linguistic issues in the adaptation of language resources and tools in Corpus Linguistics mainly focusing on corpus methodologies and application of corpus linguistics (See the details below). We will work with authentic data and use of real cases to illustrate theory. We wish high degree of participant involvement and encourage critical enquiry and debate related to theoretical issues in Linguistics and practical language related phenomena.

### **Concept note**

Linguistics is a growing and exciting field of study of human natural language. It is a systemic or scientific investigation of human knowledge or science of languages. It has important impacts and very strong influence on diverse fields such as education, psychology, anthropology, sociology, language technology, philosophy, computer science, neuroscience, artificial intelligence, translation, language technology, genetics and so on. All students of language will admit that the last one hundred years of

research in and on various aspects of human language have transformed our understanding of language in a significant way. The tools, techniques, methods and survey instruments that are available today were unthinkable hundred years ago. The theoretical advances in linguistics and language sciences, as well as the overall growth of social sciences, genetics, cognitive sciences and computer sciences now enable radically new and exhaustive methods of investigation and description of the social and biological aspect of human language. While linguists can now deliver comprehensive descriptions of the linguistic diversity of a country like India, their investigations invariably have more scientific implications, as knowledge of language is a unique species-specific cognitive ability and as such a window into the biology of being human.

The discipline-Linguistics has changed radically in the last one hundred years, technological innovations and globalizations have had major impact on the discipline. Linguistic insights and theories were incorporated in different disciplines, many subbranches of linguistics emerged to cater to the need of the hours such as Sociolinguistics, Neurolinguistics, Psycholinguistics, Anthropological linguistics, Statistical linguistics, Glossogenetics, Historical linguistics, Forensic linguistics, Corpus Linguistics and broadly Applied Linguistics to deal with more practical concerns and issues where language plays an important role in life.

### **Call for abstract**

Prospective authors are invited to submit abstracts for oral and poster presentations on all aspects of theoretical and applied linguistics. They may submit their original and unpublished research in the following areas;

*Applied Linguistics, Forensic Linguistics, Corpus Linguistics, Language Technology, Natural Language processing, Language planning, Translation, Machine Translation, Lexicography, Language Teaching, Clinical Linguistics, Language and Politics, Discourse Analysis, Stylistics, Morphology, Sociolinguistics, Language Contact, Sign Language, Folklore, Education, Cognitive Linguistics, Phonetics and Phonology, Language Documentation, Endangered Languages, Areal Typology, Evolutionary linguistics, Geo-linguistics, Writing grammar, Language and Communication.*

The abstract should be limited to 500 words excluding references typed in MS Word, Times New Roman, 11 pt. font, single spacing with one inch margins on all sides. The abstract must be anonymous, it must not include the name of the authors, affiliations, designations and etc.

The authors must indicate their choice for oral or poster presentations. Only one single authored or joined authored abstract will be considered for peer reviewed process. The interested participants must send an email for their interest to participate in the workshop. The abstracts and email should be sent to the following email id: <secuwofocoling2019@gmail.com>

**Best Paper Award:** Best oral and poster presentations shall be awarded.

### IMPORTANT DATES

Last date of Abstract submission	20 <sup>th</sup> July, 2019
Acceptance notification	25 <sup>th</sup> July, 2019
Full length paper submission	31 <sup>st</sup> July, 2019
Last date of registration	1 <sup>st</sup> August, 2019

### REGISTRATION FEE

The authors who are presenting the papers/posters and other who are interested to participate in the Seminar-cum workshop must register themselves before the last date of registration. Only the registered persons will be given the certificates. Registration fee does not include the accommodation charges. Registration fee includes Seminar-cum-workshop kit, tea and snacks and two lunches.

Graduate/Post graduate student	Rs. 500/-
Research scholar	Rs. 700/-
Lecturer/ Professor/ Academician/ Others	Rs. 1000/-

### Accommodation

The participants can look for their accommodation in JNU or other guest houses in the vicinity. If available, the accommodation to delegates may be arranged on request on actual payment basis.

### Format for Registration

1. NAME (Please indicate Male/Female)	
2. Designation	
3. Affiliation/Organization/Institute	
4. Address for Correspondence	
5. Mobile number	
6. Email Id	
7. Please indicate your choice for the workshop	

A. Workshop 1 Trends and Issues in Forensic Phonetics in India: Understanding Speaker Classification and Speaker Identification	
B. Worksho-2 Language Corpora Generation, Processing, & Utilization in Various Domains of Linguistics and Language Technology	
C. Both-Workshop 1 & Workshop 2	
8. If you have sent your abstract for oral/poster presentations	
a. Title of the paper/poster	
b. Mode of Presentation (Oral/Poster)	
9. Registration Fees (Cash/Online Transfer)	
10. Date & Signature of the Participant	

## Workshop-1

### **Trends and Issues in Forensic Phonetics in India: Understanding Speaker Classification and Speaker Identification**

The workshop on Forensic Phonetics is aimed at acquainting participants with recent trends in Forensic Speaker Identification. Besides discussing the current trends and identifying the areas of future research in Forensic Phonetics, the workshop will provide participants with a hands-on experience of using Forensic analysis tools. Using auditory and acoustic parameters from Forensics labs in India, participants will analyse voice samples and observe to what extent auditory and acoustic cues can help in identification of suspects.

Speaker Classification (SC) and Speaker Identification (SI) in forensic phonetics are of huge relevance in the contemporary age of technological explosion and subsequent increase in criminal activities as they provide an expert edge to nab the trespassers. The session aims to introduce the participants to the six primary domains of speaker characteristics that are commonly used in forensic speech analysis: dialect, foreign accent, sociolect, age, gender and medical conditions. Focussing on dialect profiling, the major discussion would consider phonetic cues like vowel spacing, temporality and voice onset time (VOT) as chief profiling determinants. Bangla and Hindi L1 speakers with Indian English (IE) as the common L2 recorded data in their variety of IE at a natural, conversational pace for the research. Data analysis yielded distinct vowel spaces, temporal and VOT values for the two sets of speakers thereby indicating their distinct L1 interference and origin. Such studies have the potential to go a long way in creating accurate profiles by including additional phonetic cues.

By the end of the workshop, the participants should be able to have a fair idea about the importance of a phonetician in speaker identification and speaker classification and how linguists can contribute to this area in achieving more accurate results.

## **Workshop-2**

### **Language Corpora Generation, Processing, & Utilization in Various Domains of Linguistics and Language Technology**

In recent years, language corpora have become an indispensable resource in almost all the domains of linguistics and language technology including both theoretical and applicational aspects of linguistics. The major practices of the day are to develop corpora in digital form with a large number of language texts collected from our day-to-day use of language; process and analyse these texts with modern computer technology; extract new data, information, and insights from analysis of texts; and use them in various domains of human knowledge, including language description, language cognition, linguistic communication, linguistic services, language application, machine learning, language technology, and knowledge generation. For all these tasks, language corpora are the most valuable resource, as corpora which are developed with varieties of text produced in different forms, content, and style become useful in supplying a pool of linguistic data and information based on which our existing ideas and understanding of a language change. Moreover, corpora provide the most valuable linguistic data and information for developing language technology tools, techniques, systems, and devices. For all kinds of linguistic cognition and application, it is essential to understand in minute details the fine-grained issues and aspects of various elements, properties, and contents of language texts, as better understanding of issues and features of natural language texts provide greater abilities with which a computer or a human being can extract, interpret, and apply linguistic data and information in the domains of their application and investigation. Keeping these issues in view, this talk likes to focus on the primary issues of language corpora generation, corpora processing, and corpora utilization. It will try to address all these issues relating to the Indian language corpora so far developed in digital form and processed in various ways. Finally, it will try to show how corpora are used in all major domains of language cognition and application beyond the realms of language technology. The talk invites the new generation of Indian scholars to explore this new area of research and application for the benefit of the Indian languages and societies.

#### **Contact-**

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### **Organizing Committee**

Dr. Hari Madhab Ray

Dr. Narayan Chaudhary

Mr. Sujoy Sarkar

### **Resource Persons**

Prof.(Dr.) Shyam Agrawal Director General KIIT, Gurgaon

Prof. Pramod Kumar Pandey (JNU)

Prof. Girish Nath Jha (JNU)

Prof. Niladri Shekhar Das (ISI, Kolkata)

Dr. Narayan Chaudhary (CIIL, Mysore)

Dr. Hari Madhab Ray (JNU)

Dr. Sweta Sinha (IIT, Patna)

Dr. Neelu Singh (GNDU, Amritsar)

**(NB: The candidates whose abstracts are selected for oral/poster presentations can participate in the Workshops. The interested participants if not selected or have not sent abstracts for the national seminar can also participate in the workshops. They are required to send an email for their choice of the workshop and also need to fill the registration form before the due date. If selected they will be notified via email before 31<sup>st</sup> July, 2019. The email should be sent to the following email id: [secuwofocoling2019@gmail.com](mailto:secuwofocoling2019@gmail.com)).**