

LT-EDI 2025

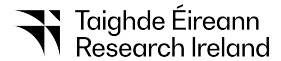
**Fifth Workshop on Language Technology for Equality,  
Diversity, Inclusion**

**Proceedings of the Workshop**

September 9, 2025

The LT-EDI organizers gratefully acknowledge the support from the following sponsors.

**In cooperation with**



©2025 Association for Computational Linguistics

Order copies of this and other ACL proceedings from:

Association for Computational Linguistics (ACL)  
317 Sidney Baker St. S  
Suite 400 - 134  
Kerrville, TX 78028  
USA  
Tel: +1-855-225-1962  
[acl@aclweb.org](mailto:acl@aclweb.org)

ISBN None

## Introduction

We are excited to welcome you to the Fifth Workshop on Language Technology for Equality, Diversity, Inclusion (LT-EDI-2025), the 5th Conference on Language, Data and Knowledge (LDK). This year, the workshop will be held in a hybrid format (both online and Workshops will take place at Palazzo del Mediterraneo on 9th September 2025, while the main venue for the conference will be Palazzo Corigliano, on 10th - 11th September 2025, located in the Naples, Italy. With the rapid advancement of technology, digital communication has become a central part of daily life. While many globally dominant languages have successfully transitioned into the digital era, numerous regional and low-resource languages continue to face significant technological challenges. Equality, Diversity and Inclusion (EDI) is an important agenda across every field throughout the world. Language as a major part of communication should be inclusive and treat everyone with equality. Today's large internet community uses language technology (LT) and has a direct impact on people across the globe. EDI is crucial to ensure everyone is valued and included, so it is necessary to build LT that serves this purpose. Recent results have shown that big data and deep learning are entrenching existing biases and that some algorithms are even naturally biased due to problems such as 'regression to the mode'. Our focus is on creating LT that will be more inclusive of gender, racial, sexual orientation, persons with disability. The workshop will focus on creating speech and language technology to address EDI not only in English, but also in less resourced languages. The workshop received a total of 40 active submissions. Reviewer recruitment was highly effective, with 232 out of 249 invited reviewers accepting the invitation. Of the 270 assigned reviews, 117 were completed, resulting in a review submission rate of 43.33%. Additionally, 41.67% of reviewers (100 out of 240) completed all their assigned reviews. A majority of submissions (65%, or 26 out of 40) received at least three reviews, ensuring a robust evaluation process. Decisions were finalized for all submissions (100%), leading to an acceptance rate of 95% (38 papers). This included 6 papers (15%) accepted for oral presentations and 32 papers (80%) accepted for poster presentations. Only 2 submissions (5%) were rejected. There were no withdrawn submissions, and only one paper was desk rejected. These metrics reflect a thorough and inclusive review process, driven by active reviewer participation and a strong commitment to quality.

## Program Committee

### Program Chairs

Bharathi Raja Chakravarthi, University of Galway, Ireland  
Bharathi B, Sri Sivasubramaniya Nadar College of Engineering, India  
Paul Buitelaar, University of Galway, Ireland  
Thenmozhi Durairaj, Sri Sivasubramaniya Nadar College of Engineering, India  
Miguel Ángel García Cumbreñas, University of Jaén, Spain  
Salud María Jiménez-Zafra, Universidad de Jaén, Spain

### Publication Chairs

Prasanna Kumar Kumaresan, Data Science Institute, University of Galway, Ireland  
Shunmuga Priya Muthusamy Chinnan, Data Science Institute, University of Galway, Ireland  
Rahul Ponnusamy, Data Science Institute, University of Galway, Ireland

### Reviewers

A. Justin Gopinath, Vellore Institute of Technology, India  
Aakash Singh, Delhi University, India  
Aathavan Nithiyananthan, University of Moratuwa, Sri Lanka  
Abdullah Al Nahian, Shahjalal University of Science and Technology, Bangladesh  
Abdur Rahman, Shahjalal University of Science and Technology, Bangladesh  
Abhai Pratap Singh, Carnegie Mellon University and Jaypee Institute of Information Technology, India  
Abhay Vishwakarma, Motilal Nehru National Institute of Technology Allahabad, India  
Abhinav Kumar, Indian Institute of Technology, Roorkee, India  
Abhishek Singh Yadav, Delhi University, India  
Abirami Jayaraman, Sri Sivasubramaniya Nadar College of Engineering, India  
Adarsh Valoor, University of Southampton, UK  
Adeep Hande, Comcast Applied AI, USA  
Advait Vats, Indian Institute of Technology Madras, India  
Ahamed Rameez Mohamed Nizzad, British College of Applied Studies, Sri Lanka  
Aishwarya Selvamurugan, Sri Eshwar College of Engineering, India  
Amit Jaspal, Facebook, Inc.  
Angel Deborah S, Sri Sivasubramaniya Nadar College of Engineering, India  
Anik Mahmud Shanto, Chittagong University of Engineering and Technology, Bangladesh  
Anisha Ahmed, Shahjalal University of Science and Technology, Bangladesh  
Anusha M D Gowda, University of Mysore, India  
Aravindh M, RMK Engineering College, India  
Ariful Islam, Chittagong University of Engineering and Technology, Bangladesh  
Arivuchudar K, RMK Engineering College, India  
Arthi R, RMK Engineering College, India  
Arun Prasad T D, Amrita Vishwa Vidyapeetham, India  
Aruna Devi Shanmugam, Sri Sivasubramaniya Nadar College of Engineering, India  
Arunaggiri Pandian Karunanidhi, Micron Technology, Inc.  
Arupa Barua, Shahjalal University of Science and Technology, Bangladesh  
Arya Palackal Shijish, Amrita Vishwa Vidyapeetham, India

Asha Hegde, Mangalore University, India  
 Ashim Dey, Chittagong University of Engineering and Technology, Bangladesh  
 Ashok Yadav, Indian Institute of Information Technology, Allahabad, India  
 Ashraf Deen, RMK Engineering College, India  
 Ashraful Islam Paran, Chittagong University of Engineering and Technology, Bangladesh  
 Ashutosh Tripathi, Rajiv Gandhi Institute of Petroleum Technology, India  
 Avaneesh Koushik, Sri Sivasubramaniya Nadar College of Engineering, India  
 Azmine Touseh Wasi, Bangladesh University of Engineering and Technology, Bangladesh  
 B Saathvik, Sri Sivasubramaniya Nadar College of Engineering, India  
 Babatunde Abimbola Abiola, Cape Peninsula University of Technology, South Africa  
 Bachu Naga Sri Harini, Vellore Institute of Technology, India  
 Bagavathi C, Amrita Vishwa Vidyapeetham, India  
 Belo Abhigyan, University of Delhi, India  
 Bhuvaneswari Sivagnanam, Central University of Tamil Nadu, India  
 Billodal Roy, Lowe's, USA  
 Bitan Mallik, Vellore Institute of Technology, India  
 Bommineni Sahitya, RMK Engineering College, India  
 Boomika E, RMK Engineering College, India  
 Burugu Rahul, Amrita Vishwa Vidyapeetham, India  
 Deepawali Sharma, Banaras Hindu University, India  
 Deeptanshu Jha, IEEE, India  
 Dhanyashree G, RMK Engineering College, India  
 Dharunika Sasikumar, Sri Sivasubramaniya Nadar College of Engineering, India  
 Dipanjan Saha, Jadavpur University, India  
 Dipankar Das, Jadavpur University, India  
 Diya Seshan, Sri Sivasubramaniya Nadar College of Engineering, India  
 Dola Chakraborty, Chittagong University of Engineering and Technology, Bangladesh  
 Dondluru Keerthana, Amrita Vishwa Vidyapeetham, India  
 Dr G Manikandan, RMK Engineering College, India  
 Dr Jannath Nisha O S, Vellore Institute of Technology, India  
 Durai Singh K, Amrita Vishwa Vidyapeetham, India  
 Durga Prasad Manukonda, ASRlytics, USA  
 Enjamamul Haque Eram, Shahjalal University of Science and Technology, Bangladesh  
 Eric SanJuan, Université d'Avignon, France  
 Eshwanth Karti T R, Amrita Vishwa Vidyapeetham, India  
 Fariha Haq, Chittagong University of Engineering and Technology, Bangladesh  
 Farjana Alam Tofa, Chittagong University of Engineering and Technology, Bangladesh  
 Fiona Victoria Stanley Jothiraj, Oregon State University, USA  
 Fred Philippy, University of Luxemburg and Zortify S.A., Luxembourg  
 Ganesh Sundhar S, Amrita Vishwa Vidyapeetham, India  
 Geetha M P, Vellore Institute of Technology, India  
 Gersome Shimi, Madras Christian College, India  
 Girma Yohannis Bade, Addis Ababa University, Ethiopia  
 Gladiss Merlin N.r, RMK Engineering College, India  
 Gnanasabesan G, Amrita Vishwa Vidyapeetham, India  
 Habiba A, National Institute of Technology Puducherry, India  
 Hamada Nayel, Prince Sattam bin Abdulaziz University and Benha University, Saudi Arabia  
 Hare Ram C, RMK Engineering College, India  
 Hari Krishnan N, Amrita Vishwa Vidyapeetham, India  
 Harshita Sharma, Institute of Informatics and Communication, India  
 Hasan Murad, Chittagong University of Engineering and Technology, Bangladesh

Hosahalli Lakshmaiah Shashirekha, Mangalore University, India  
 Ippatapu Venkata Srichandra, Amrita Vishwa Vidyapeetham, India  
 J Bhuvana, Sri Sivasubramaniya Nadar College of Engineering, India  
 Jahnvi Murali, Sri Sivasubramaniya Nadar College of Engineering, India  
 Janeshvar Sivakumar, Sri Sivasubramaniya Nadar College of Engineering, India  
 Jayanth Jeyadevaswamy, University of Galway, Ireland  
 Jerin Mahibha C, Meenakshi Sundararajan Engineering College, India  
 Jidan Al Abrar, Chittagong University of Engineering and Technology, Bangladesh, India  
 Jobin Jose, Indian Institute of Information Technology, Kottayam, India  
 Jyothish Lal G, Amrita Vishwa Vidyapeetham, India  
 K Anishka, Sri Sivasubramaniya Nadar College Of Engineering, India  
 Kalpana K, RMK Engineering College, India  
 Kankipati Venkata Meghana, Vellore Institute of Technology, India  
 Kasu Sai Kartheek Reddy, Indian Institute of Technology Tirupati, India  
 Kavın Bharathi, Vellore Institute of Technology, India  
 Kawsar Ahmed, Chittagong University of Engineering and Technology, Bangladesh  
 Keerthana Nnl, Vellore Institute of Technology, India  
 Keerthi Vasan A, RMK Engineering College, India  
 Khadiza Sultana Sayma, Chittagong University of Engineering and Technology, Bangladesh  
 Kogilavani Shanmugavadivel, Sri Sivasubramaniya Nadar College of Engineering, India  
 Konkimalla Laxmi Vignesh, Amrita Vishwa Vidyapeetham, India  
 Kritika A, Amrita Vishwa Vidyapeetham, India  
 Lahari P, RMK Engineering College, India  
 Lalith Kishore V P, RMK Engineering College, India  
 Lekhashree A, RMK Engineering College, India  
 Luxshan Thavarasa, University of Moratuwa, Sri Lanka  
 MC Dhanush, Amrita Vishwa Vidyapeetham, India  
 MD.Mahadi Rahman, Chittagong University of Engineering and Technology, Bangladesh  
 Mahankali Sri Ram Krishna, Amrita Vishwa Vidyapeetham, India  
 Mahfuz Ahmed Anik, Shahjalal University of Science and Technology, Bangladesh  
 Mahir Absar Khan, Shahjalal University of Science and Technology, Bangladesh  
 Manan Buddhadev, Rochester Institute of Technology, USA  
 Md Mehedi Hasan, Chittagong University of Engineering and Technology, Bangladesh  
 Md Minhazul Kabir, Chittagong University of Engineering and Technology, Bangladesh  
 Md Mizanur Rahman, Chittagong University of Engineering and Technology, Bangladesh  
 Md Ayon Mia, Dhaka International University, Bangladesh  
 Md. Sajid Alam Chowdhury, Chittagong University of Engineering and Technology, Bangladesh  
 Md. Sajjad Hossain, Chittagong University of Engineering and Technology, Bangladesh  
 Md. Refaj Hossan, Chittagong University of Engineering and Technology, Bangladesh  
 Md. Alam Miah, Chittagong University of Engineering and Technology, Bangladesh  
 Md. Mohiuddin, Chittagong University of Engineering and Technology, Bangladesh  
 Md. Mubasshir Naib, Chittagong University of Engineering and Technology, Bangladesh  
 Md. Tanvir Ahammed Shawon, Chittagong University of Engineering and Technology, Bangladesh  
 Meenakshy S, Amrita Vishwa Vidyapeetham, India  
 Meetesh Saini, Vellore Institute of Technology, India  
 Mesay Gameda Yigezu, Instituto Politécnico Nacional, Mexico  
 Mikhail Krasitskii, Instituto Politécnico Nacional, Mexico  
 Minhaz Chowdhury, Shahjalal University of Science and Technology, Bangladesh  
 Minoru Sasaki, Ibaraki University, Japan  
 Miriam Butt, University of Konstanz, Germany

Mithun M, Sri Eshwar College of Engineering, India  
 Mohammad Shamsul Arefin, Chittagong University of Engineering and Technology, Bangladesh  
 Mohan Raj M A, RMK Engineering College, India  
 Mohan Raj, Monash University, Australia  
 Monorama Swain, Indian Institute of Information Technology, Design and Manufacturing, Kurnool, India  
 Moogambigai A, Sri Sivasubramaniya Nadar College of Engineering, India  
 Mostafa Rahgouy, Auburn University, USA  
 Mugilkrishna D U, Sri Sivasubramaniya Nadar College of Engineering, India  
 N.Nasurudeen Ahamed, United Arab Emirates University, UAE  
 Naihao Deng, University of Michigan, USA  
 Nazmus Sakib, Chittagong University of Engineering and Technology, Bangladesh  
 Nida Hafeez, Instituto Politécnico Nacional, Mexico  
 Niranjana Kumar M, Lowe's Companies, Inc.  
 Nishanth.S Nishanth.S, Amrita Vishwa Vidyapeetham, India  
 Nithish Ariyha K, Amrita Vishwa Vidyapeetham, India  
 Nitin Nikamanth Appiah Balaji, Hexion Inc.  
 Nitisha Aggarwal, University of Delhi, India  
 Olga Kolesnikova, Instituto Politécnico Nacional (CIC), Mexico  
 Pandiarajan D, Sri Sivasubramaniya Nadar College of Engineering, India  
 Pavithra J, RMK Engineering College, India  
 Payal Godhani, Oracle, India  
 Ponsubash Raj R, Sri Sivasubramaniya Nadar College of Engineering, India  
 Poojitha Sai Manikandan, Amrita Vishwa Vidyapeetham, India  
 Pranav Gupta, Lowes Inc  
 Premjith B, Amrita Vishwa Vidyapeetham, India  
 Priyanka Ashokan, Sree Chitra Thirunal College of Engineering, India  
 Priyatharshan Balachandran, University of Moratuwa, Sri Lanka  
 Radha N, Sri Sivasubramaniya Nadar College of Engineering, India  
 Radhika K T, National Institute of Technology Trichy and Institute of Printing Technology and Government Polytechnic College, India  
 Rahatun Nesa Priti, Shahjalal University of Science and Technology, Bangladesh  
 Raj Sonani, Vellore Institute of Technology, India  
 Rajalakshmi Sivanaiah, Sri Sivasubramaniya Nadar College of Engineering, India  
 Rajeswari Rajasekar, Sri Sivasubramaniya Nadar Institutions, India  
 RajeswariRajasekar RajeswariRajasekar, Sri Sivasubramaniya Nadar Institutions, India  
 Raksha Adyanthaya, Yenepoya Institute Of Arts, Science, Commerce and Management, India  
 Ramesh Kannan R, Vellore Institute of Technology, India  
 Rasha Sharma, Amrita Vishwa Vidyapeetham, India  
 Ratnavel Rajalakshmi, Vellore Institute of Technology, India  
 Ravi Teja Potla, NVIDIA, USA  
 Riya Rajeev, Amrita Vishwa Vidyapeetham, India  
 Rohith Gowtham Kodali, asrlytics LLC, USA  
 S Ananthasivan, Amrita Vishwa Vidyapeetham, India  
 Sabik Aftahee, Chittagong University of Engineering and Technology, Bangladesh  
 Sabrina Afroz Mitu, Shahjalal University of Science and Technology, Bangladesh  
 Sachin Kumar S, Amrita Vishwa Vidyapeetham, India  
 Sai Koneru, Pennsylvania State University, USA  
 Sakkthi Gurru D, Vellore Institute of Technology, India  
 Sandra Johnson, RMK Engineering College, India  
 Santhosh Kakarla, George Mason University, USA



Sarbajeet Pattanaik, Indian Institute of Information Technology, Allahabad, India  
 Sarumathi P, Sri Sivasubramaniya Nadar College of Engineering, India  
 Satya Subrahmanya Gautama Shastry Bulusu Venkata, George Mason University, USA  
 Saurabh Aggarwal, Autodesk, India  
 Sayan Das, Jadavpur University, India  
 Sayan Das, Jadavpur University, India  
 Shamima Afroz, Chittagong University of Engineering and Technology, Bangladesh  
 Shankari S R, Sri Sivasubramaniya Nadar College of Engineering, India  
 Shanmitha Thirumoorthy, Vellore Institute of Technology, India  
 Sheikh Ayatur Rahman, BRAC University, Bangladesh  
 Shreyas Karthik, Sri Sivasubramaniya Nadar College of Engineering, India  
 Shruthi Rengarajan, Amrita Vishwa Vidyapeetham, India  
 Shruthikaa V, Amrita Vishwa Vidyapeetham, India  
 Shuang Ao, University of Southampton, England  
 Siddhaarth Sekar, Vellore Institute of Technology, India  
 Sidney Wong, University of Canterbury, New Zealand  
 Simran Simran, Institute of Informatics and Communication, India  
 Sitara K, National Institute of Technology Tiruchirappalli, India  
 Sivasuthan Sukumar, University of Moratuwa, Sri Lanka  
 Soham Chaudhuri, Jadavpur University, India  
 Somsubhra De, Indian Institute of Technology, Roorkee  
 Sreeja K, Sri Sivasubramaniya Nadar College of Engineering, India  
 Srihari V K, Sri Sivasubramaniya Nadar College of Engineering, India  
 Srijita Dhar, Chittagong University of Engineering and Technology, Bangladesh  
 Sripriya N, Sri Sivasubramaniya Nadar College of Engineering, India  
 Subhashini Sudhakar, Amrita Vishwa Vidyapeetham, India  
 Swathika R, Sri Sivasubramaniya Nadar College of Engineering, India  
 Swetha.N.G Swetha.N.G, Vellore Institute of Technology, India  
 Syeda Alisha Noor, Chittagong University of Engineering and Technology, Bangladesh  
 Symom Hossain Shohan, Chittagong University of Engineering and Technology, Bangladesh  
 Tanisha Sriram, Sri Sivasubramaniya Nadar College of Engineering, India  
 Tara Samiksha, Amrita Vishwa Vidyapeetham, India  
 Tareque Md Hanif, Shahjalal University of Science and Technology, Bangladesh  
 Temitope Oladepo, Federal University Oye-Ekiti, Nigeria  
 Tewodros Achamaleh, University of Gondar, Ethiopia  
 Tofayel Ahmmed Babu, Chittagong University of Engineering and Technology, Bangladesh  
 Tolulope Olalekan Abiola, Instituto Politécnico Nacional, Mexico  
 Trina Chakraborty, Shahjalal University of Science and Technology, Bangladesh  
 Uday Das, Chittagong University of Engineering and Technology, Bangladesh  
 Uma Jothi, Amrita Vishwa Vidyapeetham, India  
 V Gurucharan, Collaborative Dynamics, India  
 Vajratiya Vajrobol, Vellore Institute of Technology, India  
 Venkatesh Velugubantla, Meridian Cooperative, India  
 Vijay Manickam R, Vellore Institute of Technology, India  
 Vijay Karthick Vaidyanathan, Sri Sivasubramaniya Nadar College of Engineering, India  
 Vikash J, Amrita Vishwa Vidyapeetham, India  
 Vishal A S, Amrita Vishwa Vidyapeetham, India  
 Vivek Kumar Singh, Delhi University, India  
 Vrijendra Singh, Indian Institute of Information Technology, Allahabad, India  
 Wahid Faisal, Shahjalal University of Science and Technology, Bangladesh  
 Yeshwanth Balaji A P, Amrita Vishwa Vidyapeetham, India

**Best Reviewers**

Naihao Deng Deng, University of Michigan, USA

**Active Reviewers**

Naihao Deng Deng

# Keynote Talk

## Understanding Attention in Asymmetric Kernel Point of View

**Dr. Soman K. P.**

Amrita Vishwa Vidyapeetham, India

**2025-05-03 09:15 – Room: Acoma, The Albuquerque Convention Center, Albuquerque, New Mexico, USA**

**Abstract:** Transformers has redefined deep learning research and has become the most prominent architecture across domains such as natural language processing, computer vision, and image processing. Attention mechanism, particularly self-attention, is central to the success of this architecture, which allows the model to capture dependencies across the input sequences. However, the fundamental challenge in understanding self-attention is its intrinsic symmetry. The existing works often consider self-attention as a kernel method, leveraging symmetric kernels based on Mercer’s theorem. However, the self-attention matrices used in the transformer architectures are inherently asymmetric, which leads to an inconsistency between the theoretical formulation and the practical implementation. The primal-attention, a novel attention mechanism based on kernel singular value decomposition explicitly models the asymmetry. Therefore, reformulating self-attention using primal-dual representation ensures efficient computation and low-rank approximation that enhances performance and generalization.

**Bio:** Dr. Soman K. P. is the Dean of the School of Artificial Intelligence and Head of the Department at Amrita Vishwa Vidyapeetham, Coimbatore. With over 27 years of experience in research and teaching, his expertise spans Artificial Intelligence and Data Science. He has published more than 500 papers in leading journals and conferences, including IEEE Transactions, IEEE Access, and Applied Energy. He is the author of four books, including Insight into Wavelets, Insight into Data Mining (also translated into Chinese), Support Vector Machines and Other Kernel Methods, and Signal and Image Processing—the Sparse Way. Dr. Soman is the most cited researcher with over 10,000 citations. He has consistently been ranked among the world’s top 2% most influential scientists by Stanford University for the past three years. His contributions have also been recognized by the Government of India and organizations like Springer Nature and Career 360. At CEN, he leads M.Tech programs in Computational Engineering and Networking (Data Science) and Computer Science and Engineering (Artificial Intelligence). A new B.Tech program in AI and Data Science launched under his leadership in 2023. He has guided over 20 Ph.D. scholars and currently supervises 8+ ongoing doctoral researchers. His current research interests include AI for DNA sequence analysis, reinforcement learning in robotics, computer vision, and cyber-physical systems.

## Table of Contents

<i>SSNCSE@LT-EDI-2025: Detecting Misogyny Memes using Pretrained Deep Learning models</i> Sreeja K and Bharathi B .....	1
<i>SSNCSE@LT-EDI-2025: Speech Recognition for Vulnerable Individuals in Tamil</i> Sreeja K and Bharathi B .....	6
<i>CrewX@LT-EDI-2025: Transformer-Based Tamil ASR Fine-Tuning with AVMD Denoising and GRU-VAD for Enhanced Transcription Accuracy</i> Ganesh Sundhar S, Hari Krishnan N, Arun Prasad T D, Shruthikaa V and Jyothish Lal G .....	11
<i>JUNLP@LT-EDI-2025: Efficient Low-Rank Adaptation of Whisper for Inclusive Tamil Speech Recognition Targeting Vulnerable Populations</i> Priyobroto Acharya, Soham Chaudhuri, Sayan Das, Dipanjan Saha and Dipankar Das .....	17
<i>SKVtrio@LT-EDI-2025: Hybrid TF-IDF and BERT Embeddings for Multilingual Homophobia and Transphobia Detection in Social Media Comments</i> Konkimalla Laxmi Vignesh, Mahankali Sri Ram Krishna, Dondluru Keerthana and Premjith B	26
<i>DII5143A@LT-EDI 2025: Bias-Aware Detection of Racial Hoaxes in Code-Mixed Social Media Data (BaCoHoax)</i> Ashok Yadav and Vrijendra Singh .....	31
<i>Hope_for_best@LT-EDI 2025: Detecting Racial Hoaxes in Code-Mixed Hindi-English Social Media Data using a multi-phase fine-tuning strategy</i> Abhishek Singh Yadav, Deepawali Sharma, Aakash Singh and Vivek Kumar Singh .....	39
<i>CVF-NITT@LT-EDI-2025: Misogyny Detection</i> Radhika K T and Sitara K .....	47
<i>Wise@LT-EDI-2025: Combining Classical and Neural Representations with Multi-scale Ensemble Learning for Code-mixed Hate Speech Detection</i> Ganesh Sundhar S, Durai Singh K, Gnanasabesan G, Hari Krishnan N and MC Dhanush .....	54
<i>CUET's_White_Walkers@LT-EDI 2025: Racial Hoax Detection in Code-Mixed on Social Media Data</i> Md Mizanur Rahman, Jidan Al Abrar, Md Siddikul Imam Kawser, Ariful Islam, Md. Mubasshir Naib and Hasan Murad .....	63
<i>CUET's_White_Walkers@LT-EDI-2025: A Multimodal Framework for the Detection of Misogynistic Memes in Chinese Online Content</i> Md. Mubasshir Naib, Md Mizanur Rahman, Jidan Al Abrar, Md Mehedi Hasan, Md Siddikul Imam Kawser and Mohammad Shamsul Arefin .....	68
<i>CUET's_White_Walkers@LT-EDI 2025: Transformer-Based Model for the Detection of Caste and Migration Hate Speech</i> Jidan Al Abrar, Md Mizanur Rahman, Ariful Islam, Md Mehedi Hasan, Md. Mubasshir Naib and Mohammad Shamsul Arefin .....	75
<i>NS@LT-EDI-2025 Caste Migration based hate speech Detection</i> Nishanth.S Nishanth.S, Shruthi Rengarajan and Sachin Kumar S .....	80
<i>SSN_IT_HATE@LT-EDI-2025: Caste and Migration Hate Speech Detection</i> Maria Nancy C, Radha N and Swathika R .....	84

<i>ItsAllGoodMan@LT-EDI-2025: Fusing TF-IDF and MuRIL Embeddings for Detecting Caste and Migration Hate Speech</i>	
Amritha Nandini K L, Vishal S, Giri Prasath R, Anerud Thiyagarajan and Sachin Kumar S . . .	90
<i>NSR_LT-EDI-2025 Automatic speech recognition in Tamil</i>	
Nishanth.S Nishanth.S, Shruthi Rengarajan, Burugu Rahul and Jyothish Lal G . . . . .	95
<i>Solvers@LT-EDI-2025: Caste and Migration Hate Speech Detection in Tamil-English Code-Mixed Text</i>	
Ananthakumar S, Bharath P, Devasri A, Anirudh Sriram K S and Mohanapriya K T . . . . .	100
<i>CUET_N317@LT-EDI2025: Detecting Hate Speech Related to Caste and Migration with Transformer Models</i>	
Md. Nur Siddik Ruman, Md. Tahfim Juwel Chowdhury and Hasan Murad . . . . .	105
<i>KEC-Elite-Analysts@LT-EDI 2025: Leveraging Deep Learning for Racial Hoax Detection in Code-Mixed Hindi-English Tweets</i>	
Malliga Subramanian, Aruna A, Amudhavan M, Jahaganapathi S and Kogilavani Shanmugavadi- vel . . . . .	111
<i>Team_Luminaries_0227@LT-EDI-2025: A Transformer-Based Fusion Approach to Misogyny Detec- tion in Chinese Memes</i>	
Adnan Faisal, Shiti Chowdhury, Momtazul Arefin Labib and Hasan Murad . . . . .	116
<i>Hinterwelt@LT-EDI 2025: A Transformer-Based Approach for Identifying Racial Hoaxes in Code- Mixed Hindi-English Social Media Narratives</i>	
Md. Abdur Rahman, MD AL Amin, Sabik Aftahee and Md Ashiqur Rahman . . . . .	121
<i>CUET_I2033@LT-EDI-2025: Misogyny Detection</i>	
Mehreen Rahman, Faozia Fariha, Nabilah Tabassum, Samia Rahman and Hasan Murad . . . . .	127
<i>CUET_Blitz_Aces@LT-EDI-2025: Leveraging Transformer Ensembles and Majority Voting for Hate Speech Detection</i>	
Shahriar Farhan Karim, Anower Sha Shajalal Kashmary and Hasan Murad . . . . .	133
<i>Hinterwelt@LT-EDI 2025: A Transformer-Based Detection of Caste and Migration Hate Speech in Tamil Social Media</i>	
MD AL Amin, Sabik Aftahee, Md. Abdur Rahman, Md Sajid Hossain Khan and Md Ashiqur Rahman . . . . .	140
<i>EM-26@LT-EDI 2025: Detecting Racial Hoaxes in Code-Mixed Social Media Data</i>	
Tewodros Achamaleh, Fatima Uroosa, Nida Hafeez, Tolulope Olalekan Abiola, Mikiyas Mebraih- tu, Sara Getachew, Grigori Sidorov and Rolando Quintero . . . . .	146
<i>EM-26@LT-EDI 2025: Caste and Migration Hate Speech Detection in Tamil-English Code-Mixed So- cial Media Texts</i>	
Tewodros Achamaleh, Tolulope Olalekan Abiola, Mikiyas Mebraihitu, Sara Getachew and Grigori Sidorov . . . . .	152
<i>Hoax Terminators@LT-EDI 2025: CharBERT's dominance over LLM Models in the Detection of Racial Hoaxes in Code-Mixed Hindi-English Social Media Data</i>	
Abrar Hafiz Rabbani, Diganta Das Droba, Momtazul Arefin Labib, Samia Rahman and Hasan Murad . . . . .	159
<i>CUET_Ignite@LT-EDI-2025: A Multimodal Transformer-Based Approach for Detecting Misogynistic Memes in Chinese Social Media</i>	
MD.Mahadi Rahman, Mohammad Minhaj Uddin, Mohammad Oman and Mohammad Shamsul Arefin . . . . .	171

<i>girlsteam@LT-EDI-2025: Caste/Migration based hate speech Detection</i>	
Towshin HOssain Tushi, Walisa Alam, Rehenuma Ilman and Samia Rahman . . . . .	177
<i>CUET_320@LT-EDI-2025: A Multimodal Approach for Misogyny Meme Detection in Chinese Social Media</i>	
Madiha Ahmed Chowdhury, Lamia Tasnim Khan, Md.shafiqul Hasan and Ashim Dey . . . . .	183
<i>Speech Personalization using Parameter Efficient Fine-Tuning for Nepali Speakers</i>	
Kiran Pantha, Rupak Raj Ghimire and Bal Krishna Bal . . . . .	189
<i>An Overview of the Misogyny Meme Detection Shared Task for Chinese Social Media</i>	
Bharathi Raja Chakravarthi, Rahul Ponnusamy, Ping Du, Xiaojian Zhuang, Saranya Rajiakodi, Paul Buitelaar, Premjith B, Bhuvaneswari Sivagnanam, Anshid K A and SK Lavanya . . . . .	199
<i>Findings of the Shared Task Multilingual Bias and Propaganda Annotation in Political Discourse</i>	
Shunmuga Priya Muthusamy Chinnan, Bharathi Raja Chakravarthi, Senthil Kumar B, Saranya Rajiakodi and Angel Deborah S . . . . .	208
<i>Findings of the Shared Task Caste and Migration Hate Speech Detection</i>	
Saranya Rajiakodi, Bharathi Raja Chakravarthi, Rahul Ponnusamy, Shunmuga Priya Muthusamy Chinnan, Prasanna Kumar Kumaresan, Sathiyaraj Thangasamy, Bhuvaneswari Sivagnanam, Balasubramanian Palani, Kogilavani Shanmugavadivel, Abirami Murugappan and Charmathi Rajkumar . . . .	214
<i>Overview of the Shared Task on Detecting Racial Hoaxes in Code-Mixed Hindi-English Social Media Data</i>	
Bharathi Raja Chakravarthi, Prasanna Kumar Kumaresan, Shanu Dhawale, Saranya Rajiakodi, Sajeetha Thavareesan, Subalalitha Chinnaudayar Navaneethakrishnan and Thenmozhi Durairaj . . .	221
<i>Overview of Homophobia and Transphobia Span Detection in Social Media Comments</i>	
Prasanna Kumar Kumaresan, Bharathi Raja Chakravarthi, Ruba Priyadharshini, Paul Buitelaar, Malliga Subramanian and Kishore Kumar Ponnusamy . . . . .	228
<i>Overview of the Fifth Shared Task on Speech Recognition for Vulnerable Individuals in Tamil</i>	
Bharathi B, Bharathi Raja Chakravarthi, Sripriya N, Rajeswari Natarajan, Ratnavel Rajalakshmi and Suhasini S . . . . .	234

## Program

## Tuesday, September 9, 2025

09:00 - 09:15      *Opening Remarks*

09:15 - 09:45      *To be done*

09:45 - 10:30      *Oral Session 1*

### *Speech Personalization using Parameter Efficient Fine-Tuning for Nepali Speakers*

Kiran Pantha, Rupak Raj Ghimire and Bal Krishna Bal

### *An Overview of the Misogyny Meme Detection Shared Task for Chinese Social Media*

Bharathi Raja Chakravarthi, Rahul Ponnusamy, Ping Du, Xiaojian Zhuang, Saranya Rajiakodi, Paul Buitelaar, Premjith B, Bhuvaneswari Sivagnanam, Anshid K A and SK Lavanya

### *Findings of the Shared Task Multilingual Bias and Propaganda Annotation in Political Discourse*

Shunmuga Priya Muthusamy Chinnan, Bharathi Raja Chakravarthi, Senthil Kumar B, Saranya Rajiakodi and Angel Deborah S

10:30 - 11:00      *Tea Break*

11:00 - 12:30      *Oral Session 2*

### *Findings of the Shared Task Caste and Migration Hate Speech Detection*

Saranya Rajiakodi, Bharathi Raja Chakravarthi, Rahul Ponnusamy, Shunmuga Priya Muthusamy Chinnan, Prasanna Kumar Kumaresan, Sathiyaraj Thangasamy, Bhuvaneswari Sivagnanam, Balasubramanian Palani, Kogilavani Shanmugavadivel, Abirami Murugappan and Charmathi Rajkumar

### *Overview of the Shared Task on Detecting Racial Hoaxes in Code-Mixed Hindi-English Social Media Data*

Bharathi Raja Chakravarthi, Prasanna Kumar Kumaresan, Shanu Dhawale, Saranya Rajiakodi, Sajeetha Thavareesan, Subalalitha Chinnaudayar Navaneethakrishnan and Thenmozhi Durairaj

### *Overview of Homophobia and Transphobia Span Detection in Social Media Comments*

Prasanna Kumar Kumaresan, Bharathi Raja Chakravarthi, Ruba Priyadharshini, Paul Buitelaar, Malliga Subramanian and Kishore Kumar Ponnusamy

### *Overview of the Fifth Shared Task on Speech Recognition for Vulnerable Individuals in Tamil*

Bharathi B, Bharathi Raja Chakravarthi, Sripriya N, Rajeswari Natarajan, Ratnavel Rajalakshmi and Suhasini S

### *SSNCSE@LT-EDI-2025: Detecting Misogyny Memes using Pretrained Deep Learning models*

Sreeja K and Bharathi B      xvi



**Tuesday, September 9, 2025 (continued)**

*SSNCSE@LT-EDI-2025:Speech Recognition for Vulnerable Individuals in Tamil*  
Sreeja K and Bharathi B

12:30 - 14:15      *Lunch Break*

14:15 - 15:30      *Oral Session 3*

*CrewX@LT-EDI-2025: Transformer-Based Tamil ASR Fine-Tuning with AVMD Denoising and GRU-VAD for Enhanced Transcription Accuracy*  
Ganesh Sundhar S, Hari Krishnan N, Arun Prasad T D, Shruthikaa V and Jyothish Lal G

*JUNLP@LT-EDI-2025: Efficient Low-Rank Adaptation of Whisper for Inclusive Tamil Speech Recognition Targeting Vulnerable Populations*  
Priyobroto Acharya, Soham Chaudhuri, Sayan Das, Dipanjan Saha and Dipankar Das

*SKVtrio@LT-EDI-2025: Hybrid TF-IDF and BERT Embeddings for Multilingual Homophobia and Transphobia Detection in Social Media Comments*  
Konkimalla Laxmi Vignesh, Mahankali Sri Ram Krishna, Dondluru Keerthana and Premjith B

*DII5143A@LT-EDI 2025: Bias-Aware Detection of Racial Hoaxes in Code-Mixed Social Media Data (BaCoHoax)*  
Ashok Yadav and Vrijendra Singh

*Hope\_for\_best@LT-EDI 2025: Detecting Racial Hoaxes in Code-Mixed Hindi-English Social Media Data using a multi-phase fine-tuning strategy*  
Abhishek Singh Yadav, Deepawali Sharma, Aakash Singh and Vivek Kumar Singh

15:30 - 16:00      *Tea Break*

16:00 - 17:30      *Poster Session*

*CVF-NITT@LT-EDI-2025:MisogynyDetection*  
Radhika K T and Sitara K

*Wise@LT-EDI-2025: Combining Classical and Neural Representations with Multi-scale Ensemble Learning for Code-mixed Hate Speech Detection*  
Ganesh Sundhar S, Durai Singh K, Gnanasabesan G, Hari Krishnan N and MC Dhanush

**Tuesday, September 9, 2025 (continued)**

*CUET's\_White\_Walkers@LT-EDI 2025: Racial Hoax Detection in Code-Mixed on Social Media Data*

Md Mizanur Rahman, Jidan Al Abrar, Md Siddikul Imam Kawser, Ariful Islam, Md. Mubasshir Naib and Hasan Murad

*CUET's\_White\_Walkers@LT-EDI-2025: A Multimodal Framework for the Detection of Misogynistic Memes in Chinese Online Content*

Md. Mubasshir Naib, Md Mizanur Rahman, Jidan Al Abrar, Md Mehedi Hasan, Md Siddikul Imam Kawser and Mohammad Shamsul Arefin

*CUET's\_White\_Walkers@LT-EDI 2025: Transformer-Based Model for the Detection of Caste and Migration Hate Speech*

Jidan Al Abrar, Md Mizanur Rahman, Ariful Islam, Md Mehedi Hasan, Md. Mubasshir Naib and Mohammad Shamsul Arefin

*NS@LT-EDI-2025 CasteMigration based hate speech Detection*

Nishanth.S Nishanth.S, Shruthi Rengarajan and Sachin Kumar S

*SSN\_IT\_HATE@LT-EDI-2025: Caste and Migration Hate Speech Detection*

Maria Nancy C, Radha N and Swathika R

*ItsAllGoodMan@LT-EDI-2025: Fusing TF-IDF and MuRIL Embeddings for Detecting Caste and Migration Hate Speech*

Amritha Nandini K L, Vishal S, Giri Prasath R, Anerud Thiagarajan and Sachin Kumar S

*NSR\_LT-EDI-2025 Automatic speech recognition in Tamil*

Nishanth.S Nishanth.S, Shruthi Rengarajan, Burugu Rahul and Jyothish Lal G

*Solvers@LT-EDI-2025: Caste and Migration Hate Speech Detection in Tamil-English Code-Mixed Text*

Ananthakumar S, Bharath P, Devasri A, Anirudh Sriram K S and Mohanapriya K T

*CUET\_N317@LT-EDI2025: Detecting Hate Speech Related to Caste and Migration with Transformer Models*

Md. Nur Siddik Ruman, Md. Tahfim Juwel Chowdhury and Hasan Murad

*KEC-Elite-Analysts@LT-EDI 2025: Leveraging Deep Learning for Racial Hoax Detection in Code-Mixed Hindi-English Tweets*

Malliga Subramanian, Aruna A, Amudhavan M, Jahaganapathi S and Kogilavani Shanmugavadivel

*Team\_Luminaries\_0227@LT-EDI-2025: A Transformer-Based Fusion Approach to Misogyny Detection in Chinese Memes*

Adnan Faisal, Shiti Chowdhury, Momtazul Arefin Labib and Hasan Murad

**Tuesday, September 9, 2025 (continued)**

*Hinterwelt@LT-EDI 2025: A Transformer-Based Approach for Identifying Racial Hoaxes in Code-Mixed Hindi-English Social Media Narratives*

Md. Abdur Rahman, MD AL Amin, Sabik Aftahee and Md Ashiqur Rahman

*CUET\_12033@LT-EDI-2025: Misogyny Detection*

Mehreen Rahman, Faozia Fariha, Nabilah Tabassum, Samia Rahman and Hasan Murad

*CUET\_Blitz\_Aces@LT-EDI-2025: Leveraging Transformer Ensembles and Majority Voting for Hate Speech Detection*

Shahriar Farhan Karim, Anower Sha Shajalal Kashmary and Hasan Murad

*Hinterwelt@LT-EDI 2025: A Transformer-Based Detection of Caste and Migration Hate Speech in Tamil Social Media*

MD AL Amin, Sabik Aftahee, Md. Abdur Rahman, Md Sajid Hossain Khan and Md Ashiqur Rahman

*EM-26@LT-EDI 2025: Detecting Racial Hoaxes in Code-Mixed Social Media Data*

Tewodros Achamaleh, Fatima Uroosa, Nida Hafeez, Tolulope Olalekan Abiola, Mikiyas Mebrahtu, Sara Getachew, Grigori Sidorov and Rolando Quintero

*EM-26@LT-EDI 2025: Caste and Migration Hate Speech Detection in Tamil-English Code-Mixed Social Media Texts*

Tewodros Achamaleh, Tolulope Olalekan Abiola, Mikiyas Mebrahtu, Sara Getachew and Grigori Sidorov

*Hoax Terminators@LT-EDI 2025: CharBERT's dominance over LLM Models in the Detection of Racial Hoaxes in Code-Mixed Hindi-English Social Media Data*

Abrar Hafiz Rabbani, Diganta Das Droba, Momtazul Arefin Labib, Samia Rahman and Hasan Murad

*CUET\_Ignite@LT-EDI-2025: A Multimodal Transformer-Based Approach for Detecting Misogynistic Memes in Chinese Social Media*

MD.Mahadi Rahman, Mohammad Minhaj Uddin, Mohammad Oman and Mohammad Shamsul Arefin

*girlsteam@LT-EDI-2025: Caste/Migration based hate speech Detection*

Towshin HOssain Tushi, Walisa Alam, Rehenuma Ilman and Samia Rahman

*CUET\_320@LT-EDI-2025: A Multimodal Approach for Misogyny Meme Detection in Chinese Social Media*

Madiha Ahmed Chowdhury, Lamia Tasnim Khan, Md.shafiqul Hasan and Ashim Dey

17:30 - 17:45

*Meeting, Awards, Closing Remarks*

**Tuesday, September 9, 2025 (continued)**