# ICON 2021: 18th International Conference on Natural Language Processing National Institute of Technology - Silchar December 16-19, 2021

# Shared Task on Multilingual Gender Biased and Communal Language Identification

# **PROCEEDINGS**

# **Editors:**

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#### Introduction

Aggression and its manifestations in different forms have taken unprecedented proportions with the tremendous growth of Internet and social media. The research community, especially within the fields of Linguistics and Natural Language Processing, has responded by understanding the pragmatic and structural aspects of such forms of language usage and several other) and developing systems that could automatically detect and handle these.

In the ComMA project, we are working on these different aspects of aggressive and offensive language usage online and its automatic identification. As part of our efforts in the project, in this task, we present a novel multi-label classification task to the research community, in which each sample will be required to be classified as aggressive, gender biased or communally charged in 4 languages - Meitei, Bangla, Hindi and English. The motivation behind this is to understand the intersectionality across these three categories and also explore if using intersectional data could be helpful in the task or not.

We attracted a total of 54 registrations in the task, out of which 11 teams submitted their test runs. In this proceedings, we have included system description papers of 8 teams along with a task overview paper. We hope that the task and its findings will be interesting for researchers working in the different related areas of hate speech, offensive language, abusive language as well more generally in text classification.

Shared task page: https://sites.google.com/view/comma-at-icon2021/home

Main conference page: http://icon2021.nits.ac.in/index.html

ComMA@ICON Shared Task Organisers

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10:13–10:26	Team_BUDDI at ComMA@ICON: Exploring Individual and Joint Modelling Approaches for Detecting Aggression, Communal Bias and Gender Bias Anand Subramanian, Mukesh Reghu and Sriram Rajkumar
10:26–10:39	Hypers at ComMA@ICON: Modelling Aggressive, Gender Bias and Communat Bias Identification Sean Benhur, Roshan Nayak, Kanchana Sivanraju, Adeep Hande, CN Subalalitha. Ruba Priyadharshini and Bharathi Raja Chakravarthi
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10:52–11:05	DELab@IIITSM at ICON-2021 Shared Task: Identification of Aggression and Biasness Using Decision Tree Maibam Debina and Navanath Saharia
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11:41–11:54	Sdutta at ComMA@ICON: A CNN-LSTM Model for Hate Detection Sandip Dutta, Utso Majumder and Sudip Naskar
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