

i. Publications

The screenshot shows a Gmail inbox with 1,422 messages. An email from Microsoft CMT is selected. The subject line is "Microsoft CMT <no-reply@mcr-cmt.org> to me". The body of the email reads:

Hello,

The following submission has been created.

Track Name: ICECI2026

Paper ID: 55

Paper Title: EduNLP: A Rule-Based Multilingual Smart Education System for Rural Learning Enhancement

Abstract:
Poor access to learning material, poor mentorship, and inadequate exposure to skill acquisition opportunities are some of the issues that have continued to face rural education. This paper proposes a Smart Education System to improve the quality of education in rural areas using technological innovations. It provides study materials in local languages, tracks the progress and skill of each learner, and disseminates available scholarship, grant, and job opportunities. It also includes an intelligent chatbot capable of responding to any study-based inquiry through any language, making it all-inclusive for students with diverse linguistic backgrounds. The system frontend has been built using HTML5, modern JavaScript (ES6), and Tailwind CSS, whereas the backend has been built using Node.js and Express.js. Language detection along with multilingual interaction is provided through a combination of the Franc library, a multilingual NLP library, and the Microsoft Translator API, without depending on any external translation APIs. The automated mentorship feature is also implemented in this system, empowered by rule-based NLP logics to provide motivational and educative information through predefined multilingual templates.

Created on: Wed, 19 Nov 2025 14:39:17 GMT
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Reply Forward

a. ICECI (IEEE) Publication Submission email

The screenshot shows a Gmail inbox with 1,422 messages. An email from Microsoft CMT is selected. The subject line is "Microsoft CMT <no-reply@mcr-cmt.org> to me". The body of the email reads:

Hello,

The following submission has been created.

Track Name: Special Sessions 9: Generative AI and Emerging Applications in Computer Science

Paper ID: 91

Paper Title: EduNLP: A Rule-Based Multilingual Smart Education System for Rural Learning Enhancement

Abstract:
Poor access to learning material, poor mentorship, and inadequate exposure to skill acquisition opportunities are some of the issues that have continued to face rural education. This paper proposes a Smart Education System to improve the quality of education in rural areas using technological innovations. It provides study materials in local languages, tracks the progress and skill of each learner, and disseminates available scholarship, grant, and job opportunities. It also includes an intelligent chatbot capable of responding to any study-based inquiry through any language, making it all-inclusive for students with diverse linguistic backgrounds. The system frontend has been built using HTML5, modern JavaScript (ES6), and Tailwind CSS, whereas the backend has been built using Node.js and Express.js. Language detection along with multilingual interaction is provided through a combination of the Franc library, a multilingual NLP library, and the Microsoft Translator API, without depending on any external translation APIs. The automated mentorship feature is also implemented in this system, empowered by rule-based NLP logics to provide motivational and educative information through predefined multilingual templates.

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b. AICCONS Publication Submission email