



# Certificate of Presentation of Paper

*This is to certify that the paper entitled*

**Decision Models in Marketing: The role of Sentiment Analysis from bibliometric analysis**

*by Mariano Alberto Casas-Valadez; Alberto Faz-Mendoza; Cesar Esau Medina; Andrea Castorena-Robles; Nadia Karina Gamboa-Rosales; José Ricardo López-Robles*

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A handwritten signature in black ink, appearing to be 'Dr. M. R. Qader'.

**Dr. M. R. Qader**  
**Dean, Deanship of Graduate Studies and Scientific Research**