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<p>(51) International classification :G06Q0010100000, G06Q0010060000, G06N0020000000, G06F0030130000, G06F0009451000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)CMR COLLEGE OF ENGINEERING &amp; TECHNOLOGY</b> Address of Applicant :KANDLAKOYA, MEDCHAL ROAD, HYDERABAD, TELANGANA, INDIA, 501401. Hyderabad ----- -----</p> <p><b>Name of Applicant : NA</b> <b>Address of Applicant : NA</b></p> <p>(72)Name of Inventor : <b>1)Dr. A. KRISHNA RAO</b> Address of Applicant :Professor Civil Engineering CMR COLLEGE OF ENGINEERING &amp; TECHNOLOGY KANDLAKOYA, MEDCHAL ROAD, HYDERABAD, TELANGANA, INDIA, 501401 Hyderabad ----- -----</p> <p><b>2)Dr. B. PRASAD</b> Address of Applicant :Professor Civil Engineering CMR COLLEGE OF ENGINEERING &amp; TECHNOLOGY KANDLAKOYA, MEDCHAL ROAD, HYDERABAD, TELANGANA, INDIA, 501401 Hyderabad ----- -----</p> <p><b>3)Dr. M. VENKATESHWARLU</b> Address of Applicant :Professor Civil Engineering CMR COLLEGE OF ENGINEERING &amp; TECHNOLOGY KANDLAKOYA, MEDCHAL ROAD, HYDERABAD, TELANGANA, INDIA, 501401 Hyderabad ----- -----</p> <p><b>4)Mr. CH. RAJENDRA PRASAD</b> Address of Applicant :Assistant Professor Civil Engineering CMR COLLEGE OF ENGINEERING &amp; TECHNOLOGY KANDLAKOYA, MEDCHAL ROAD, HYDERABAD, TELANGANA, INDIA, 501401 Hyderabad ----- -----</p> <p><b>5)Ms. M. SRIKAVYA</b> Address of Applicant :Assistant Professor Civil Engineering CMR COLLEGE OF ENGINEERING &amp; TECHNOLOGY KANDLAKOYA, MEDCHAL ROAD, HYDERABAD, TELANGANA, INDIA, 501401 Hyderabad ----- -----</p>
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(57) Abstract :  
DYNAMIC COLLABORATIVE FRAMEWORK FOR STAKEHOLDER ENGAGEMENT IN BUILDING INFORMATION MODELING (BIM)  
ABSTRACT The presented invention discloses a Dynamic Collaborative Framework for Stakeholder Engagement in Building Information Modeling (BIM), revolutionizing collaborative efforts in construction projects. The system incorporates a central data repository, real-time collaboration module, adaptive user interface, and an artificial intelligence engine. Stakeholders contribute to BIM data simultaneously, with the adaptive interface tailoring information presentation based on user roles. The artificial intelligence engine analyzes input, identifies conflicts, and proposes resolutions, ensuring model consistency. Additionally, the system features synchronization across BIM data sources, version control, and access management. The method involves dynamic BIM model updates, user-specific information presentation, and automated conflict resolution. The invention enhances stakeholder communication, provides a visual project timeline, and facilitates real-time collaboration, thereby advancing the efficiency and accuracy of the construction process.

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