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(71)**Name of Applicant :**
  1)**CMR TECHNICAL CAMPUS**
    Address of Applicant :KANDLAKOYA VILLAGE, MEDCHAL MANDAL, R. R DISTRICT, HYDERABAD 501401 TELANGANA, INDIA Hyderabad ----------- -----------
  2)**CMR COLLEGE OF ENGINEERING & TECHNOLOGY**
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
  1)**K. Harish Reddy**
Address of Applicant :Professor, MBA, CMR Technical Campus Hyderabad ----------- -----------
  2)**Dr D Kishore Kumar**
Address of Applicant :Assoc. Prof., MBA, CMR Technical Campus Hyderabad ----------- -----------
  3)**Dr B Vasantha Laxmi**
Address of Applicant :Assoc. Prof., MBA, CMR Technical Campus Hyderabad ----------- -----------
  4)**Dr.P.Alekhya**
Address of Applicant :Assoc. Prof., MBA, CMR College of Engineering and Technology Hyderabad ----------- -----------
  5)**S. Anusha**
Address of Applicant :Asst. Prof., MBA, CMR College of Engineering and Technology Hyderabad ----------- -----------
  6)**P. Ashok Reddy**
Address of Applicant :Asst. Prof., MBA, CMR College of Engineering and Technology Hyderabad ----------- -----------

(57) Abstract :
A DYNAMIC ECOSYSTEM OPTIMIZATION FRAMEWORK FOR ADAPTIVE BUSINESS HARMONY ABSTRACT The invention presents a method for achieving adaptive business harmony within dynamic ecosystems. By analyzing input data encompassing market trends, consumer behavior, and operational metrics, the method identifies interdependencies among business components. Utilizing advanced algorithms, it generates optimization strategies prioritizing adaptability and resilience. These strategies dynamically adjust resource allocations and production schedules to maintain business continuity amidst disruptions. The method fosters collaboration among interconnected businesses, facilitating the implementation of personalized optimization recommendations. Employing scenario planning and sensitivity analysis techniques, it evaluates the potential impact of decisions on ecosystem harmony. Periodic reassessment ensures effectiveness in evolving business environments. Sustainability principles and emerging technologies such as blockchain and IoT are integrated to promote long-term viability. The invention offers a comprehensive framework for optimizing business operations, enhancing resilience, and fostering harmony within complex ecosystems.

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