

Green Entrepreneurship Startups



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225	SUSTAINABILITY OF INDIAN AGRICULTURE: CHALLENGES AND OPPORTUNITIES Dr. M. V. Sathiyabama, M. Mohammed Shansha Sunfar, A. Shalini	1763
226	WOMEN EMPOWERMENT THROUGH SKILL INDIA M. Sumathy, Sonali. U	1771
227	SUSTAINABLE AGRICULTURAL ENTERPRISES Gajalakshmi. M, Deepa. K	1781
228	ADOPTION OF SUSTAINABLE AGRICULTURAL PRACTICES Dr. G. R. Rajalakshmi, G. Bairavi	1788
229	SUSTAINABLE AGRICULTURE ENTERPRISE DR. P. Anitha, J. Pavitra, S. Mekala,	1804
230	THE EVOLUTION AND IMPACT OF GREEN MARKETING A COMPREHENSIVE OVERVIEW Dr. T. Vanjikkodi	1814
231	THE ROLE OF AI IN RENEWABLE ENERGY: OUR STARTUP'S CUTTING-EDGE APPROACH Dr. K. Visvanathan, M. Anand	1819
232	EXPLORING THE MECHANISM OF CUCURBITACIN B (COCCINIA GRANDIS) IN LIVER CANCER TREATMENT THROUGH NETWORK PHARMACOLOGY AND MOLECULAR DOCKING Vino Udappusamya, Nirmal Kumar Ramasamy, Shalini Ganeshan	1828
233	THE IMPACT OF DIGITAL DISRUPTION ON TRADITIONAL BRICK AND MORTAR STARTUPS IN INDIA Remya. C, Dr. K. Amutha	1830
234	GREEN MARKETING Dr. Karthika. E, Vishnupriya. N, Kaviya Shree. T	1838

CHAPTER – 225

SUSTAINABILITY OF INDIAN AGRICULTURE: CHALLENGES AND OPPORTUNITIES

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Abstract---Agriculture in India is at a crossroads, with significant potential and a multitude of challenges that require urgent attention. This paper elaborates on the concept of sustainable agriculture, examines the current situation of Indian agriculture from various dimensions, identifies the existing challenges, and suggests remedial measures to highlight the numerous opportunities for advancing sustainable practices. The paper argues that while Indian agriculture faces several hurdles—such as environmental degradation, climate change, and socio-economic disparities—there are ample opportunities to harness innovation, policy support, and community engagement to achieve long-term sustainability.

Keywords---Sustainability - Indian Agriculture - Challenges - Opportunities

1. INTRODUCTION

India, with its vast agrarian base, has been heavily dependent on agriculture for both economic sustenance and employment. However, the conventional agricultural practices prevalent in the country have led to numerous environmental and socio-economic issues, necessitating a shift towards sustainable agriculture. Sustainable agriculture refers to practices that meet the current food and textile needs without compromising the ability of future generations to meet their own needs. It encompasses a range of farming