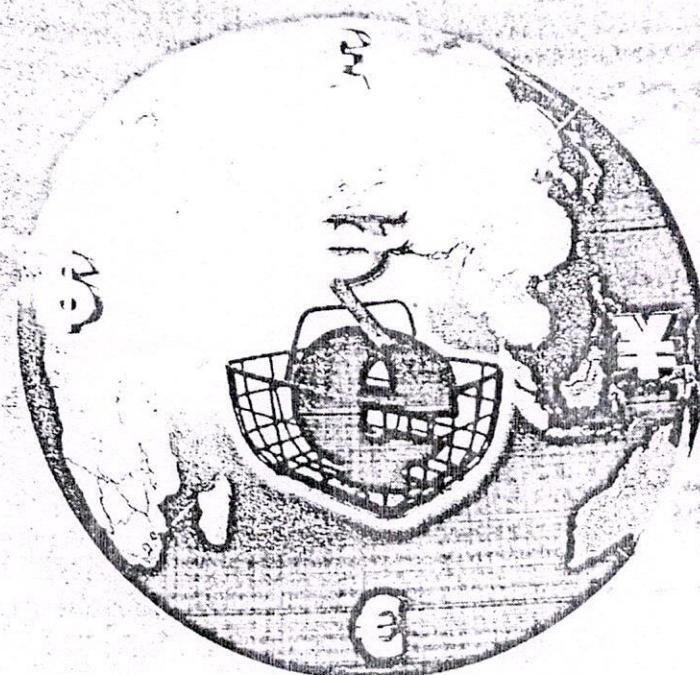


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## INDEX

Sl. No	Title for Research Paper	Page No.
1	Eco-Friendly Textile Industries - An Overview <b>Dr. Ritesh Bajranglal Vyas</b>	1
2	Present status of Indian agriculture sector <b>Dr. Nilam Chhangani</b>	6
3	Agricultural sector, Its performance and challenges : Some issues <b>Dr. D. K. Rathod</b>	13
4	Russia - Ukraine War : An Opportunity to Indian Agricultural Sector <b>Machhindra D. Vedapathak</b>	23
5	Impact of Irrigation Development on Agriculture in India <b>Dr. Shasherao S. Devnalkar</b>	30
6	कृषि विकास आणि उपग्रहण क्षेत्र डॉ. सुनिता सावरकर	37
7	मार्गीय कृषी शे ग्रामोदील आवधार डॉ. अलका अनिल मानकर	45
8	वस्तु आणि सेवा कर : भारताचील मुदत्वाची कर संधारणा डॉ. सुरेश चंद्रकांत मेहेत्रे	51
9	अौषिणीक ऊर्जा प्रकल्पाचा शेती आणि दूसरे क्षेत्रावर झालेला परिणाम : विशेष संदर्भ सोलापूर अौषिणीक ऊर्जा प्रकल्प रेहणा सिधाऱ्या कोळी, डॉ. राजाराम केरवा पाटील	57
10	पश्चिमाचे नवीन परिणाम - गांगीण पश्चिम डॉ. विष्णु वळीराम पवार	64



## Impact of Irrigation Development on Agriculture in India

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### RESEARCH PAPER - ECONOMICS

#### ABSTRACT

Irrigation is the artificial application of water to the soil usually for assisting in growing crops. It is critical, yet a vital input of agriculture production process and pivotal to agricultural, social, and economic growth of nation. Civilizations have been dependent on development of irrigated agriculture to provide agrarian basis of a society and to enhance the security of people. Along with bless irrigation also brought the inherent attachments of several problems like salinity and water logging. Civilizations have risen and fallen with the growth and decline of their irrigation systems, while others have maintained sustainable irrigation for thousands of years. Understanding history of irrigation development helps in augmenting knowledge about the traditional systems many of which are equally relevant in today's context. Further, there are several lessons which we may learn from the past experience.

#### 1 Introduction

Irrigation is the artificial application of water to the soil usually for assisting in growing crops in crop production. It is mainly used to replace missing rainfall in periods of drought, but also to protect plants against frost. Irrigation has two primary objectives 1) to supply

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