

## UGC Approved (old) List of Journals

45519	Journal of Knowledge	UNIV	Multidisciplinary	Emerald Publishing	2321791 X		India
<del>45550</del>	<del>International Journal of Management Technology and Engineering</del>	UNIV	Social Science	Choice College of Arts And Commerce	22497455		India
45556	National journal of Maxillofacial Surgery	UNIV	Multidisciplinary	Medknow Publications and Media Pvt. Ltd	09755950	22293418	India
45566	International Journal of Services Sciences	UNIV	Multidisciplinary	Inderscience Publishers	17531454	17531446	India
45570	Journal of Prenatal Diagnosis and Therapy	UNIV	Science	Medknow Publications and Media Pvt. Ltd	09761756	09764054	India
45575	The Journal of Analysis	UNIV	Science	Springer Singapore	09713611		India
45578	Journal of Commodity Market	UNIV	Social Science	Elsevier BV	24058513		Netherlands
45616	World Journal of Agricultural Research	UNIV	Science	Science and Education Publishing Co. Ltd	23330643	23330678	United States
45632	Korean Journal of Policy Studies	UNIV	Social Science	Seoul National University, Graduate School of Public Administration	12255017		Korea
45658	nventi Rapid Molecular Pharmacology	UNIV	Science	Inventi Journals Pvt. Ltd	22294171	09763856	India
45661	Microorganisms	UNIV	Science	M D P I AG	20762607		Switzerland
45665	RUDN Journal of Studies in Literature and Journalism	UNIV	Arts & Humanities	Peoples' Friendship University of Russia (RUDN University)	23129220	23129247	Russia

## GROWING GREENS ON WALL STRUCTURES USING WASTE WATER AND BIOFILTER

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### ABSTRACT

The developing and developed nations witnessing urbanization in global wide. As that results its facing many changes and many of problems can be seen in city limits as the nation's grows, the over population, drinking and domestic water supply, solid wastes, housing, food, pollution, clean fresh air, good nature etcetera. Our surrounded concrete world is really needed of some spacing gardens near to housing, but due to lack of space within or in-between in the houses it can not be possible for many people. To overcome this problem, the green walls or vertical gardens are the simple technic. The growing of greens on walls or on roofs are possible by adopting some special technical design. By adopting of this green walls we can have the many uses, like getting fresh air near to our presence, we can grow of good, organic and fresh vegetables and fruits, we can also decorate our walls and buildings by growing greens on it. Here the growing of the greens on the walls is not only the concept, rather than that growing of this greens by using the waste water of the same house. Yes, this waste water which is leaved simple to sewage are to be prevented by adopting this method. And also the main other problem like waste water which is leaving to rivers or lakes, which is made to be the water treatment is done easily as basic treatment infiltration pass through the planter boxes. This same water which is filtered treated water can be leave to rivers or any other place, or it can be reused for the domestic purposes, the water recycling also be done by this method. The single modulation of design can achieve the many uses by the green wall project. To over come the many problems of urbanization this will be give good results and holds good stand.

**Key words:** Green walls, Biofilter, Water recycle system, planter box.

### INTRODUCTION

A 'Green Wall', also commonly referred to as a 'Vertical Garden', is a descriptive term that is used to refer to all forms of vegetated wall surfaces. In our planet plants have served humanity since the dawn of time, supplying food, clothing, building materials and a host of other goods. With the advent of the modern industrial city, now home to more than half of the world's population, planners, designers and urban advocates are once again turning to plants – green infrastructure – as a key strategy to provide cleaner air and water, while improving living environments, human health and mental well-being. The integration of the living, organic systems characterized by green walls and green roofs, with the