

About the Editor



Prof. (Dr.) Baldev Singh is M.Tech. & Ph.D. in Computer Science. At present he is working as a Dean, Faculty of Engineering & Technology, Vivekananda Global University, Jaipur and having 34+ years of experience in teaching, research & administration. His interest area is Artificial Intelligence & Cloud Technology. He has 40+ publications in National & International journals. He is passionate for his work & having a deep understanding on his subject.



Dr. Ruchi Sharma to work hard and efficiently in order to undertake and achieve excellence in the assigned tasks". A result oriented professional with 15+ years of experience in Corporate and Academics to display exceptional communication, teaching, interpersonal and leadership abilities. Presently working as Professor in ECE Dept. in Vivekananda Global University in Jaipur. Dedicated, enthusiastic individual with outstanding academic, communication, organizational, and people skills and a passion of networking. Believe in teamwork, collaboration and making right decisions at right time to get results.

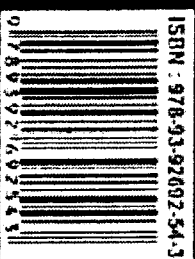
She is B.E., M.Tech., Ph.D in Electronics & Communication Engineering and MBA in HR. Her interest area is Power systems, VLSI & Embedded Systems. She has 20+ publication in various national & International journals which make her more confident to enhance her outreach in Industry for students teaching with hands on practice.

SAHITYAGAR

Dharam Market Street
Chaura Rasta, Jaipur (Raj.) - 302003

☎ 0141-2310785, 4022382, 2322382

Available on :  Amazon.in,  Flipkart.com



₹ 750/-

Recent Advancement
in Engineering Research and Application

Recent
Advancement
in Engineering
Research and
Application

Dr. Baldev Singh
Dr. Ruchi Sharma

Dr. Baldev Singh
Dr. Ruchi Sharma

Recent Advancement in Engineering Research and Application

Editors

Dr. Baldev Singh

Dr. Ruchi Sharma

SAHITYAGAR



Dhamani Market Street,

Chaura Rasta, Jaipur-302003

e-mail : sahityagar@gmail.com

website : sahityagar.com

webmail : mail@sahityagar.com

Available on :  [amazon.in](https://www.amazon.in),  [flipkart.Com](https://www.flipkart.com)

Copyright © Reserved

ISBN : 978-93-92692-54-3

Price : 750/-

First Edition : 2021

Lazer Type Setting : Sahityagar Computers

Printer : Sheetal Printer

For Vivekananda Global University, Jaipur
Registrar

339

| | | | |
|-----|--|---|---------|
| 20. | Wind Power Quality Improvement in Distribution System Using Fluctuation Control | Shakeeb Anjum Malik and Atul Kumar Dadhich Department of Electrical Engineering, Vivekananda Global University, Jaipur | 208-218 |
| 21. | Study on Sustainable Interior Flooring Materials in 5- Star Hotels of Jaipur, Rajasthan | Ayushi Jain and Prashant Chauhan Department of Design, Vivekananda Global University, Jaipur | 219-229 |
| 22. | Energy Generation Quantitative Assessment of Solar PV System in Jaipur | Kishan Khatri and Shweta Choudhary Department of Design, Vivekananda Global University, Jaipur | 230-241 |
| 23. | Sustainable Waste Management System in Jaipur Context Analysis of Socio-Economic Dynamic for Temple Waste | Shivangi and Shweta Choudhary Department of Design, Vivekananda Global University, Jaipur | 242-257 |
| 24. | Solid Waste Management for Sustainable Development: A Case of Select Hotels of Jaipur | Sneha Arora and Shweta Choudhary Department of Design, Vivekananda Global University, Jaipur | 258-273 |
| 25. | Guidelines for Water Management Practices for Five Star Hotels in Jaipur | Gaurav Agrawal, Anil Bagaria and Shweta Choudhary Vivekananda Global University, Jaipur | 274-286 |
| 26. | Comparison of Medium Density Board (MDF) and Conventional Wood Developing Sustainable Home Interior | Rahul Tak and Kalpana Munjal Department of Design, Vivekananda Global University, Jaipur | 287-298 |
| 27. | Feasibility of Pre-Engineered Techniques in Housing Construction and Market Preferences | Rohit Sethi and Prashant Chauhan Department of Design, Vivekananda Global University, Jaipur | 299-310 |
| 28. | Impact of Green Roof Systems on Economic Feasibility and Environmental Compatibility: A Case Study of Jaipur City | Ankur Bhardwaj and Sneha Arora Department of Design, Vivekananda Global University, Jaipur | 311-318 |
| 29. | Regenerative Architecture: An Approach Towards Benefits of Economy, Social and Ecology | Sugandha Sharma Prashant Chauhan Shweta Choudhary and Rajesh Dangoria Department of Design, Vivekananda Global University, Jaipur | 319-330 |
| 30. | Study on Energy Efficient Measures, Consumption Patterns and Scope for Energy Conservation for Budget Hotels of Jaipur Rajasthan | Dhiraj Jhamaria, Shweta Choudhary and Prashant Chauhan Vivekananda Global University, Jaipur | 331-346 |

For Vivekananda Global University, Jaipur
 Registered

Chapter-25

Guidelines for Water Management Practices for Five Star Hotels in Jaipur

Gaurav Agrawal, Anil Bagaria and Shweta Choudhary
Vivekananda Global University, Jaipur

INTRODUCTION

Scarcity of potable water has become a recognized global problem and with the rising demand of water and imbalance of demand and supply will leave half of the world's population with no water by the year 2040. As only 3% of the surface earth water is potable rest 97% is in the ocean, and that to 2% of the drinkable water is in the form of glaciers [Figure 1]. Hence, this 1% is under constant threat, with rapidly rising demand of growing global population and high living standards expectations. India stands at the top of the list in globe in annual fresh water withdrawals. [1]

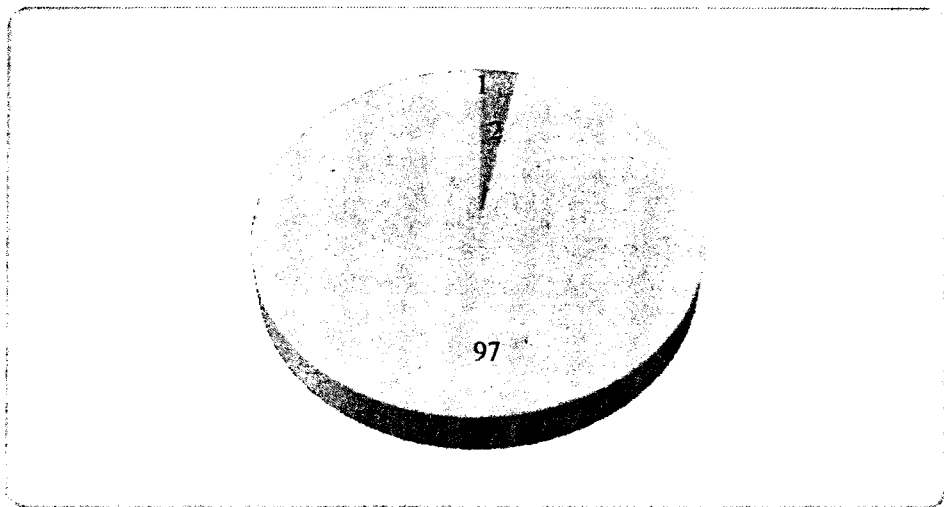


Figure 1: Water distribution on earth [1].

Water is a comprehensive issue relating to many facets across economic, environmental, and social topics. Water disclosure is usually accompanied by additional terminology, such as water withdrawal, water risk, water consumption, water scarcity, water discharge, etc. Water use is a commonly reported quantitative indicator, as are the initiatives to increase water efficiency and recycling. For boundaries of (intake, operations, effluent) in relation to the organization across the aggregate of its facilities worldwide. As water is the basic building block for life, topics relating to water can be far-reaching and