



KHADKI EDUCATION SOCIETY'S

# Tikaram Jagannath Arts, Commerce & Science College



Principal

**Dr. Sanjay Chakane**

M.Sc., M.B.A., Ph.D.

7.1.2-The Institutional facilities & initiatives

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## Policy on Green Campus

### Environment and eco-friendly/green campus

- By plantation around the campus to increase green cover.
- Cultivation of Nakshtra garden and nursery of medicinal plants.

### Plastic Free Campus

- We discourage use of plastic items by displaying posters.
- The notifications of seminars/conferences/workshops college fests and other programmes has always through digital media to avoid plastic Flex/banners for advertising/publishing/promotional material.
- In exceptional cases, cloth banners can be used for recyclable material.

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## Policy on Alternate Sources of Energy and Energy Conservation Measures

**Introduction:** The college has understands the value of energy conservation and alternative

### Energy sources :

The college has Concern over the depletion of fossil fuels and the effects of their use on the environment has grown in recent years. The college has put in place a number of initiatives to encourage the use of alternative energy sources and energy conservation in order to address this problem.

### Alternative energy sources :

Tikaram Jagannath College, Khadki , has launched a number of projects to encourage the use of alternative energy sources. The college's reliance on conventional energy sources has been greatly decreased since it constructed a solar power system to generate electricity. There are 10 KW of solarpanels installed at the college.

### Energy-saving techniques & initiatives :

Tikaram Jagannath College Khadki has cut energy use by implementing a number of energy-savingtechniques. The college switched out its conventional light bulbs for LED ones since they last longer and use less energy.

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Following are other techniques & initiatives used for saving energy.

1. Energy audit of the campus.
2. Use of energy efficient equipment's [BEE Energy STAR rating] at workplace.
3. Monitor the entry of type vehicles in the college campus. Encourage the use of battery operated vehicles.
4. Projects and experiments concerned with Environmental Sustainability are as part of regular course curriculum.
5. No vehicle day is celebrated to promote the use of public transport system.
6. Campaigns, Seminars, Workshops, Presentations, Guest Lectures, Talk, etc.

**Conclusion** – Tikaram Jagannath Collage, Khadki is leading the way in energy conservation and alternative energy implementation among educational institutions. In addition to lowering it's carbon footprint, the collage has seen a large reduction in large reduction in energy costs. Contribution to a sustainable future is the collage's promotion of energy conservation and the use of alternative energy sources.

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## Policy on Water Management

All living things depend on water, a valuable resource, to survive. Tikaram Jagannath College, Khadki Pune understands the need of conserving water. Environmental issues have arisen as a result of the growing population and industrialization, which has significantly increased the demand for water. The college has put the following strategies into place to support sustainable water management and conserve water.

### Rain Water Harvesting

The institute has a rainwater harvesting system. In campus the rain water is collected and stored in Bore well. The Collected water is then used for watering trees and plant in summer season.

### Bore well Recharge:

There are one bore-well in the college campus. These bore well are recharged during the Monsoon season. The rain water is collected in bore well so water level of the bore-wells increases automatically. The capacity of underground Bore well is 10.000 liters

### Waste water recycling:

- Waste water pipelines connected to KCB main drainage line
- Maintenance of water bodies and distribution system in the campus:

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Drinking water is stored in the tank on the terrace of the main Building, Water purifier machine are installed for students. The regular maintenance of the tank, taps and pipeline is done by local plumber. Thus any leakage of water is prevented.

**Conclusion:**

The college efforts to promote rainwater harvesting and water conservation awareness haven't only reduced the demand for freshwater but also contributed to a sustainable future. By conserving water, the college is protecting the environment and ensuring the availability of water for future generations.

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## Policy on Management of the various types of degradable and non degradable waste.

### Waste Management Processes

The Tikaram Jagannath College strives to have a minimal impact on the environment and is dedicated to reduce and manage the waste generated by the college campus. The following specific procedures will be undertaken to ensure the Tikaram Jagannath contribution in protecting the environment.

### Solid waste management

- Use of sanitary disposal machine is one of the best practices adopted by the college towards eco friendly disposal mechanisms.
- Collected solid waste is picked up by KCB regularly.
- 4 'R' principles are continuously followed viz., refuse, reduce, reuse and recycle.
- Ruined metal and wooden furniture are given to KES approved vendor for disposal.



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- Minimal use of paper to be practiced by using electronic platforms for academic and administrative purposes.

### Liquid Waste Management

- Maintain leak proof water fixtures.
- Continued maintenance to take immediate steps to stop any water leakage through taps, pipes, tanks and toilet flush etc.
- Liquid waste is diverted to outlet of KCB drainage.

### E-Waste Management

The Tikaram Jagannath College ensures that its usage of technology and generation of e-waste does not impact the environment. For this purpose, the college plans to strive towards:

- Usable parts of nonworking computers are reused to restore another computer.
- Scrap computers and equipment are given to approved vendor for disposal.

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