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**Two Day National Conference On
IMPACT OF URBANIZATION ON
SOCIO-ECONOMIC
DEVELOPMENT IN INDIA**

Friday 31st January & Saturday, 1st February, 2020

Organised By

Department of Geography
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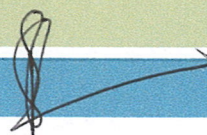
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N P Commerce College,
Armori, Dist - Gadchiroli



Watershed and Water Management

Dr. Vijay P. Gorde ¹

Prof. Parag S. Meshram ²

1.Asst. Prof. [Dept. of Geography], Mahatma Gandhi Arts, Science & Late N.P.
Commerce College, Armori Dist. Gadchiroli 441208

2.Head [Dept. of Geography] Mahatma Gandhi Arts, Science & Late N.P. Commerce College,
Armori Dist. Gadchiroli 441208

vijaygorde11@gmail.com 9766113711 meshram.parag@gmail.com 9595108747

Abstract:-

Water management means scientific study of consumption, utility of water and making it available in proportion; for that assembly of provisions and solutions.

Maharashtra state has water resources in abundance, but due to mismanagement; the state is facing serious water problems. The distribution of rain is diverse in the state; more than half of the total rain is in only Konkan region. Compare to India; Maharashtra has 14.59% waterresources, but irrigated area is less than the nation (20.60%). Apart from this the uses of water has been increased for other sectors than agricultural and total irrigation system is not being completely used. In order to overcome the water problems and to make available water in abundance; the state has to improve in following things: water harvesting, recycling the polluted water, use of drip and sprinkler irrigation system, use of irrigationssystem in full capacity, water testing-water literacy, and including maximum people's participation. By doing this the state can make available enough water for agriculture, industry, and settlement.

Key Word: - Water management, Watershed, Water Problem,

Introduction:-

There is abundant water on earth, but only 3% of the water is drinkable, out of it 2.1% is in the form of ice which is gathered on north and South Polar Regions as well as on High Mountain. In reality only 0.9% water is available at our hands to drink and use. In future there is possibility of war for this 0.9% water; because, the water is not dispersed adequately in that part according to the population. Rainfall is also different in geographical area, the valleys of large rivers are not everywhere, meaning that natural but uneven water sharing, where water is not evenly dispersed, can lead to war, but peace and prosperity can be achieved if the water management properly planned.

Maharashtra receives an average of 5782.8 TMC water annually, which means only 14.59% of India's water available, of these only 4447.8 TMC water for direct use i.e. 76.91% India's total water. It means India's 29.75% water is available in Maharashtra alone. Maharashtra

