



Dr. BRR GOVERNMENT DEGREE COLLEGE

(Accredited with B⁺⁺ by NAAC)

JADCHERLA-509301

MAHABUBNAGAR (DIST), T.S

Dr. CH Appiya Chinamma M.Sc., P.G.D.S, Ph.D.

Principal

- **Title:-** “STUDY OF IDENTIFICATION OF PATHOGENIC BACTERIA IN RO DRINKING WATER SUPPLIES OF JADCHERLA”
- **Pace of work:** Department of microbiology, Dr BRR Govt College- Jadcherla
- **Details of Students:-**

S.NO	NAME	YEAR	HALL TICKET NO
1.	A.Shivani	III MZC	19033006457004
2.	A.Srikanth	III MZC	19033006457005
3.	P.Nagesh	III MZC	19033006457018
4.	P.Shiva Kumar	III MZC	19033006457019
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Principal

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CERTIFICATE

This is to certify that the project work entitled **STUDY OF IDENTIFICATION OF PATHOGENIC BACTERIA IN RO DRINKING WATER SUPPLES** Of Jadcherla Mandal, Mahabubnagar District, and Telangana. "is a bonafide work done by the students of III MZC (EM) Miss. A.Shivani, Miss. S.Poojasri, Mr. P.Shiva Kumar, Mr. P.Nagesh, Mr. R.Rajgopal, Mr. A.Srikanth my supervision for the award of Project Work in Microbiology, Department of Microbiology, Dr. BRR Government College, Jadcherla and the work hasn't been submitted to any other College/University either in part nor in full, for the award of any degree.



M. Srinivasa Rao

Assistant Professor of Microbiology



Signature of External Examiner
28/6/2022



Signature of Internal Examiner
28/6/22



Principal
Dr BRR Govt. College
Jadcherla-609 301



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Duration: 3 Months (Semester – VI)

ABSTRACT

Reverse osmosis is a membrane based process technology to purify water by separating the dissolved solids from feed stream resulting permeate and reject stream for a wide range of application. Hence RO technology is used in the remove dissolved solids, colour, Organic contaminates. The treatment of water and hazardous waste separation process in the food. The present short review shows applicability of RO system for treating effluents from beverage industry, distillery spent wash, ground water treatment, recovery of phenol compounds, and reclamation of waste water and sea water reverse osmosis (SWRO) treatment indicating efficiency and applicability of RO technology.



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