

**Department of Civil Engineering**

**Details of Patents for 2021-22**

<b>Sl. no</b>	<b>Name of faculty</b>	<b>Title of Patent filed</b>	<b>Date of Patent Published</b>	<b>Patent Application no</b>	<b>Indian</b>	<b>Remarks</b>
1	PROF.SHARATH BABU KHEDAGI AND PROF.RAJANI V AKKI	A METHOD FOR PRODUCING ROBUST CONCRETE USING DOMESTIC TREATED WASTEWATE R, AND USES THEREOF	15/04/2022	202241018413A	YES	-

## PATENT PUBLICATION DETAILS:

**PROF.SHARATH BABU KHEDAGI AND PROF.RAJANI V AKKI HAVE PUBLISHED PATENT TITLED “A METHOD FOR PRODUCING ROBUST CONCRETE USING DOMESTIC TREATED WASTEWATER, AND USES THEREOF”**

The present study relates to a method for converting domestic treated wastewater into useful product. Specifically, it relates to a method for producing robust concrete using domestic treated wastewater.

### Contributions:

- o The invention provides a method of reducing environmental pollution through effective wastewater management.
- o It also demonstrates reusing domestic treated wastewater in concrete to replace potable water.

### Application:

Present invention provides an eco-friendly and economical method for preparing a robust concrete mix suitable for most uses

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(54) Title of the invention : A METHOD FOR PRODUCING ROBUST CONCRETE USING DOMESTIC TREATED WASTEWATER, AND USES THEREOF	
(51) International classification :C02F0101100000, C12P0019020000, C02F0003000000, C09D0007610000, C08J0011100000	(71)Name of Applicant : 1)MANJUNATHA M Address of Applicant :Assistant Professor, Department of Civil Engineering, GITAM University, Bangalore - 562163, Karnataka, India. ----- 2)BHARATH A 3)RANJITHA B TANGADAGI 4)RESHMA TV 5)PREETHI S 6)SHARATH BABU KHEDAGI 7)RAJANI V AKKI Name of Applicant : NA Address of Applicant : NA
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(57) Abstract : The present invention relates to a method for converting domestic treated wastewater into useful products. Specifically, the present invention relates to a method for producing robust concrete using domestic treated wastewater.	
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