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(71)Name of Applicant:

1)Dr. Rajan Singh

Address of Applicant :Assistant Professor, Department of Mathematics, School of Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 Moradabad

2)Dr. B.K. Singh 3)Dr. V.P. Pande

4)Dr. Sarika Arera

5)Dr. Richa Saxena 6)Dr. Nidhi Tiwari

7)Mr. Vipin Kumar

8)Mr. Deepak Sharma

Name of Applicant : NA Address of Applicant : NA

(72)Name of Inventor:

1)Dr. Rajan Singh

Address of Applicant: Assistant Professor, Department of Mathematics, School of Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 Moradabad

2)Dr. B.K. Singh

Address of Applicant :Professor, Department of Mathematics, School of Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 Moradabad -----

3)Dr., V.P. Pande

Address of Applicant :Professor, Department of Mathematics, School of Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 Moradabad -----

4)Dr. Sarika Arora

Address of Applicant: Associate Professor, Department of Chemistry, School of Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 Moradabad

5)Dr. Richa Saxena

Address of Applicant :Assistant Professor, Department of Physics, School of Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102

6)Dr. Nidhi Tiwari

7)Mr. Vipin Kumar

Address of Applicant :Assistant Professor, Department of Mathematics, School of Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102

Moradabad

8)Mr. Deepak Sharma

(57) Abstract:

The present invention relates to a modelling method for the estimation of pollutants in the river basins. The Water pollution is the biggest environmental problems on the earth. The quality of water flowing in the river which being polluted by water by sewage and animal waste and can cause diseases like gastroenteritis, salmonella infection, dysentery, hepatitis. According to water pollution OD and BOD are decreased and the water quality in terms of OD and BOD is not fit for designated best uses in the India. The water of the rivers is not healthy for human's body, biological environments and ecological systems. In the present invention comparision between the Ganga and Yamuna rivers on waters pollution, by using the developed mathematical model. The paper concludes with multidimensional recommendations for the improvement of water quality of both the Rivers

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